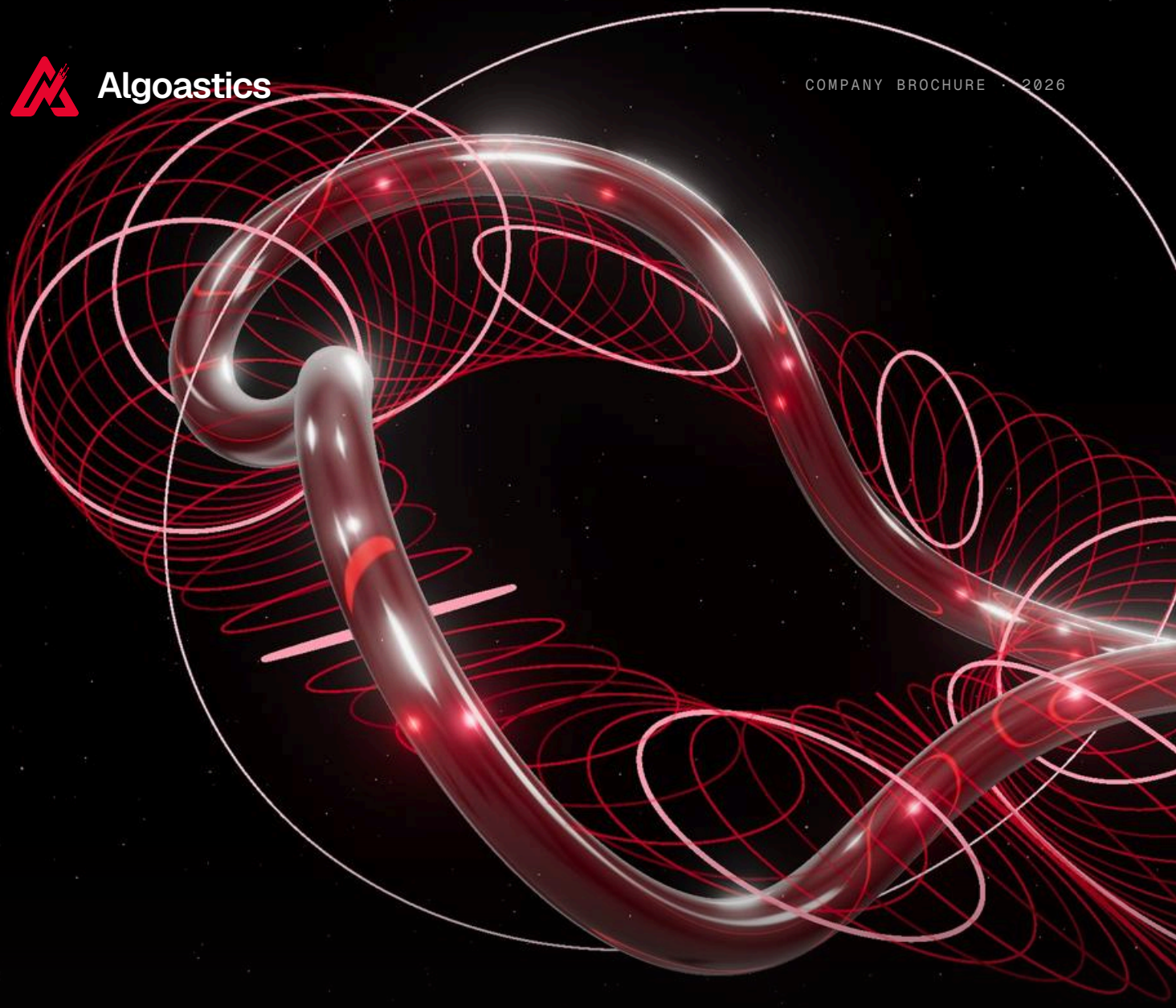
Algoastics

COMPANY BROCHURE · 2026



SOFTWARE DEVELOPMENT PARTNER

From product idea *to production.*

React Native mobile apps, full-stack web platforms, codebase stabilization and dedicated engineering teams for founders, product teams and agencies worldwide.

Where Algorithms Meet Analytics

algoastics.com · contact@algoastics.com
Gujranwala, Pakistan · Working with clients worldwide

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Build, stabilize *and scale.*

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HOW TO READ THIS BROCHURE

● DEMONSTRATED WORK

Documented in our Upwork contracts and portfolio case studies, our own products, or public store and website listings.

◐ PORTFOLIO LISTING

Listed in our portfolio; public detail on our exact scope is limited. Details on request.

○ GENERAL CAPABILITY

A service we offer with our stack, not tied to a named project.

INTRODUCTION

We build complete products, *rescue* struggling ones, and *extend* teams that need more engineering capacity.

Algoastics is a software development company founded in 2023 and based in Gujranwala, Pakistan. We design, build and maintain mobile apps, web platforms and backends for clients in Europe, North America, the Middle East and beyond.

Our core is **React Native**, with **Next.js, MERN and Laravel** on the web and **Supabase, Firebase and REST APIs** behind them. We work on new products from the first prototype and on existing codebases that need upgrades, fixes or a steadier release process.

Started remote-first, we opened our Gujranwala office in January 2026. The founders' Upwork contract history goes back to 2022, and most of the work shown in this brochure was delivered through Upwork.

150+	11,000+	5.0★	10+
PRODUCTS SHIPPED	ENGINEERING HOURS	UPWORK RATING	ENGINEERS

Company-reported figures, as published on algoastics.com (October 2026).

WHO WE WORK WITH

Startup and SaaS founders, CTOs and product managers, agencies that need delivery capacity, and companies whose app has become unstable or hard to release.

LEADERSHIP

Ahsan Iqbal, CEO
Ahsan Farooq, CTO
Ahmad Amir, COO

WHERE WE ARE

Office #26, Ajwa City, Gujranwala, Pakistan. We work remotely with clients in their time zones.

Have a product to build or an app to fix?
Send a short brief or repository access request. We reply within one business day.

contact@algoastics.com
WhatsApp +92 309 8876725
algoastics.com/contact

THE VALUE WE BRING

What working with us *gives you.*

Clients usually come to us for one of three reasons: a product to build, an app that has become hard to maintain, or a roadmap that needs more hands. The same strengths apply to all three.

01

One team, design to release

UI/UX, mobile, web, backend and store releases handled by one team, so nothing is lost between vendors.

02

Deep React Native experience

New builds, Expo SDK upgrades, EAS and TestFlight pipelines, native modules and performance work. It is our most-documented stack.

03

We fix before we rewrite

We start from evidence: logs, builds and code. Targeted fixes and refactors come first; a rewrite is recommended only when the findings support it.

04

Production experience

Store-published apps in faith and education, music streaming, fitness, mental health, sports and healthcare.

05

Communication you can follow

Weekly demos, a shared board and a direct line to the engineers building your product.

06

Handover built in

Architecture notes, environment documentation and open roadmap items, so your team is never locked in.

IN A CLIENT'S WORDS

Verified Upwork client reviews. Reviewer names are withheld; the engagement title is shown as listed on Upwork.

"He quickly identified and resolved complex crashes, ANRs, and issues in a legacy React Native / Expo environment while staying fully within the existing stack, which was a key requirement for this project.

UPWORK REVIEW · MOBILE APP STABILIZATION AUDIT (IOS + ANDROID) · FEB 2026

"He handled it with grace and delivered an exceptional handover document — detailed architecture notes, environment variable documentation, pending roadmap items, and clear explanations of design decisions.

UPWORK REVIEW · REACT NATIVE APP DEVELOPMENT · APR 2026

SERVICES AT A GLANCE

Three core services, *specialist support* around them.

CORE SERVICES

A 08

Full-stack product development

Mobile app, web app, admin and backend delivered as one product by one team.

B 09

Mobile apps with React Native

iOS and Android from one codebase: Expo or bare React Native, native modules where needed.

C 10

Web development

MERN, Next.js and Laravel platforms, dashboards and admin tools.

◇ 11

Backend, APIs and cloud

REST APIs, Supabase, Firebase and the integrations your product depends on.

◇ 12

UI/UX design

Flows, Figma prototypes and design systems for mobile and web.

SPECIALIST SERVICES FOR EXISTING PRODUCTS

E 14

Legacy stabilization and modernization

Audits, build repair, upgrades, refactoring and release readiness.

F 15

Subscriptions and in-app purchases

Purchase flows, entitlements, restore and edge cases.

G 16

Bug fixing and app rescue

Reproduce, find the root cause, fix and verify without regressions.

H 17

App Store and Google Play support

Submission prep and help after a rejection.

WAYS TO ENGAGE

D 13

MVP development

The smallest product that proves the idea, built to grow.

J 19

Dedicated developers and teams

Engineers who join your team, your tools and your sprints.

I 18

AI-assisted development

AI tools to move faster, with human review, tests and security checks.

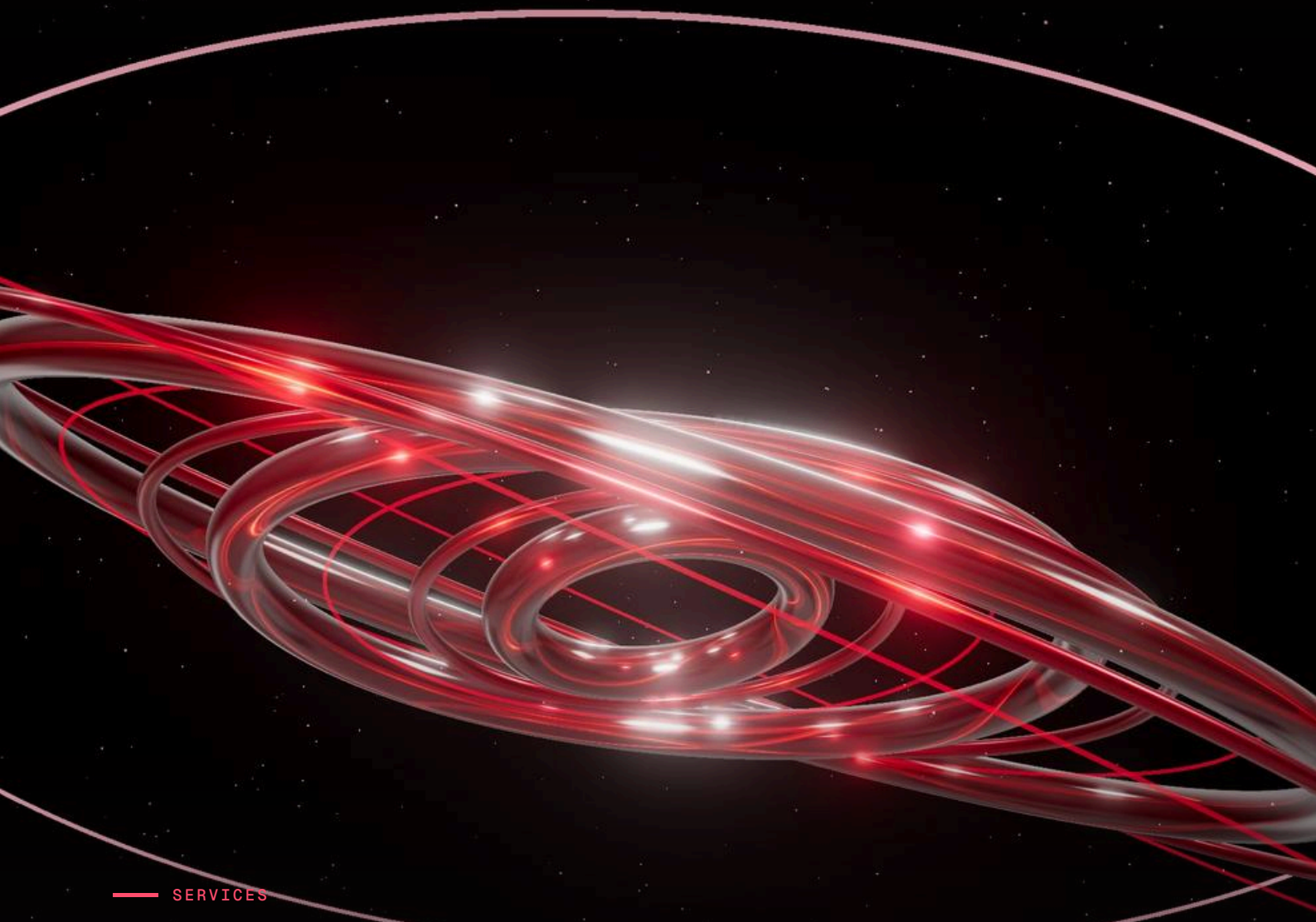
Not sure where to start?

Tell us what you have (an idea, a design, or an existing repository) and we will recommend a first step.

contact@algoastics.com
WhatsApp +92 309 8876725
algoastics.com/contact

02

CAPABILITIES
PAGES 07-19



SERVICES

Build, stabilize *and scale.*

Each of the following pages covers one service: who it is for, what we do, how we deliver it, and where we have done it before. We are explicit about what we can and cannot promise.

Artwork: abstract 3D render created for this brochure (conceptual, not product UI).

DEVELOPMENT APPROACH

A delivery process you can *see*, sprint by sprint.

The same six stages apply whether we start from an idea or from someone else's code. What changes is where the effort goes: new products weight design and build; existing products weight discovery and verification.

01 Discover

Goals, users, constraints and success measures. For an existing product we review the repository, build setup and crash data first.

→ SCOPE, RISKS, RECOMMENDED PLAN

02 Design

User flows, wireframes and Figma prototypes; an architecture sketch for data, APIs and integrations.

→ CLICKABLE PROTOTYPE, ARCHITECTURE NOTES

03 Build

Short sprints with working increments. A shared board and weekly demos keep progress visible.

→ WORKING BUILDS EVERY SPRINT

04 Verify

Code review, testing on real iOS and Android devices, regression checks before every release.

→ TESTED RELEASE CANDIDATES

05 Release

EAS, TestFlight and Google Play Console for mobile; production deploys for web; store listing assets.

→ STORE AND PRODUCTION RELEASES

06 Support

Maintenance, SDK and dependency upgrades, store-policy updates and new features.

→ ONGOING ROADMAP

WORKING PRINCIPLES

- A direct line to the engineers doing the work
- Code in your repository and accounts from day one, where you prefer
- Changes reviewed before merge; releases tested on real devices
- Decisions and trade-offs written down, not only discussed

AI FEATURES

When a product includes LLM or AI features, we follow our six-stage AI SDLC: Discovery, Data/RAG, Development, QA and Testing, Deployment, Fine-tuning. Evaluation sets and guardrails are part of QA, not an afterthought.

algoastics.com/ai-sdlc →

CORE SERVICE

Full-stack product *development.*

One team for the whole product: the mobile app, the web app, the admin your operations team uses, and the backend that connects them.

WHO IT IS FOR

Founders without an in-house engineering team, and companies replacing a vendor who want one accountable partner instead of separate app, web and backend contractors.

WHAT WE DELIVER

- Product scoping and a prioritized feature map
- UI/UX design in Figma, then implementation
- iOS and Android apps in React Native
- Web app and admin dashboard (Next.js / React, or Laravel)
- Backend, database, authentication and APIs
- Payments, subscriptions, push notifications and third-party integrations
- Store releases, web deployment and handover documentation

WHAT ONE PRODUCT TEAM COVERS

Mobile apps
React Native · Expo

Web apps and admin
Next.js · React · Laravel

APIs and logic
Node/Express · Laravel · Cloud Functions

Data and auth
Supabase · Firebase · PostgreSQL · MongoDB

Integrations
Payments · Push · Maps · AI APIs

Delivery
EAS · TestFlight · Play Console · Web deploys

CONCEPTUAL DIAGRAM

DEMONSTRATED WORK

Olive Arabic

Offline-first React Native (Expo) app, Next.js + Supabase content admin, and a Python translation service. Case study →

DEMONSTRATED WORK

RootsCare

Two connected apps, for patients and for healthcare providers, on a shared Firebase backend with video consultations. Case study →

DEMONSTRATED WORK

Oparko

Smart-parking app with Mapbox geofencing, Stripe payments and a Node.js backend (Upwork portfolio).

B

CORE SERVICE

Mobile apps with *React Native.*

One codebase for iOS and Android, built and maintained by people who have shipped and upgraded React Native apps since 2022.

Architecture
Expo or bare React Native CLI, TypeScript, Redux Toolkit or lighter state, React Navigation, modular feature structure.

Authentication
Firebase Auth, Supabase Auth, JWT-based sessions, social sign-in.

Device features
Background audio, video, camera, maps and geofencing, motion sensors, WebRTC calls.

Native modules
Swift and Kotlin where a library falls short or a platform feature requires it.

APIs and data
REST and GraphQL clients, offline caching, background sync, optimistic updates.

Push and engagement
OneSignal and Firebase Cloud Messaging, deep links, in-app messaging.

Performance
Startup time, list rendering, re-renders, memory, bundle size, animation smoothness.

Store releases
EAS Build and Submit, over-the-air updates, TestFlight, Google Play tracks.

THE APP LIFECYCLE WE COVER

01
Build
New app or feature set

02
Ship
TestFlight, Play tracks, store listing

03
Upgrade
Expo SDK and React Native versions

04
Maintain
Fixes, policy updates, features

WHERE WE HAVE DONE IT

`HelloBible · Expo, EAS, OTA, IAP` `TopMusic · background audio, offline` `RootsCare · WebRTC video` `The Octagon · bare RN CLI, video` `Evolve · workout logic, Firebase` `Oparko · Mapbox geofencing, Stripe` `Hunched · motion sensors, CoreML`

Flutter, Swift and Kotlin are also in our toolkit for projects that need them; React Native is our primary recommendation for cross-platform apps.

C

CORE SERVICE

Web platforms with *MERN, Next.js and Laravel.*

Customer-facing web apps, dashboards and admin tools, and the fixes and features that keep existing sites working.

CHOOSING THE STACK

STACK	BEST FOR	TYPICAL PIECES
Next.js	Products that need fast, SEO-friendly pages and an app dashboard in one codebase; admin panels for mobile apps.	React, TypeScript, Tailwind CSS, server rendering, API routes, Supabase or Postgres
MERN	JavaScript-first custom platforms with flexible document data and a separate API.	MongoDB, Express, React, Node.js, REST or GraphQL
Laravel / PHP	Teams already on PHP, existing Laravel apps, CMS customization and e-commerce work.	Laravel, MySQL, Blade or a React front end, queues, admin

WHAT WE BUILD AND FIX

- Web apps and SaaS dashboards
- Admin and content-management panels for mobile products
- Marketing sites with CMS-driven content
- E-commerce customization and checkout fixes
- Bug fixes, performance work and framework upgrades on existing sites

EVIDENCE

DEMONSTRATED WORK

Olive Arabic: Next.js, Supabase, PostgreSQL and Tailwind CSS web platform and content admin. Case study →

DEMONSTRATED WORK

algoastics.com: our own site, Next.js App Router with TypeScript and Tailwind CSS, with a built-in admin for leads, careers and portfolio content.

DEMONSTRATED WORK

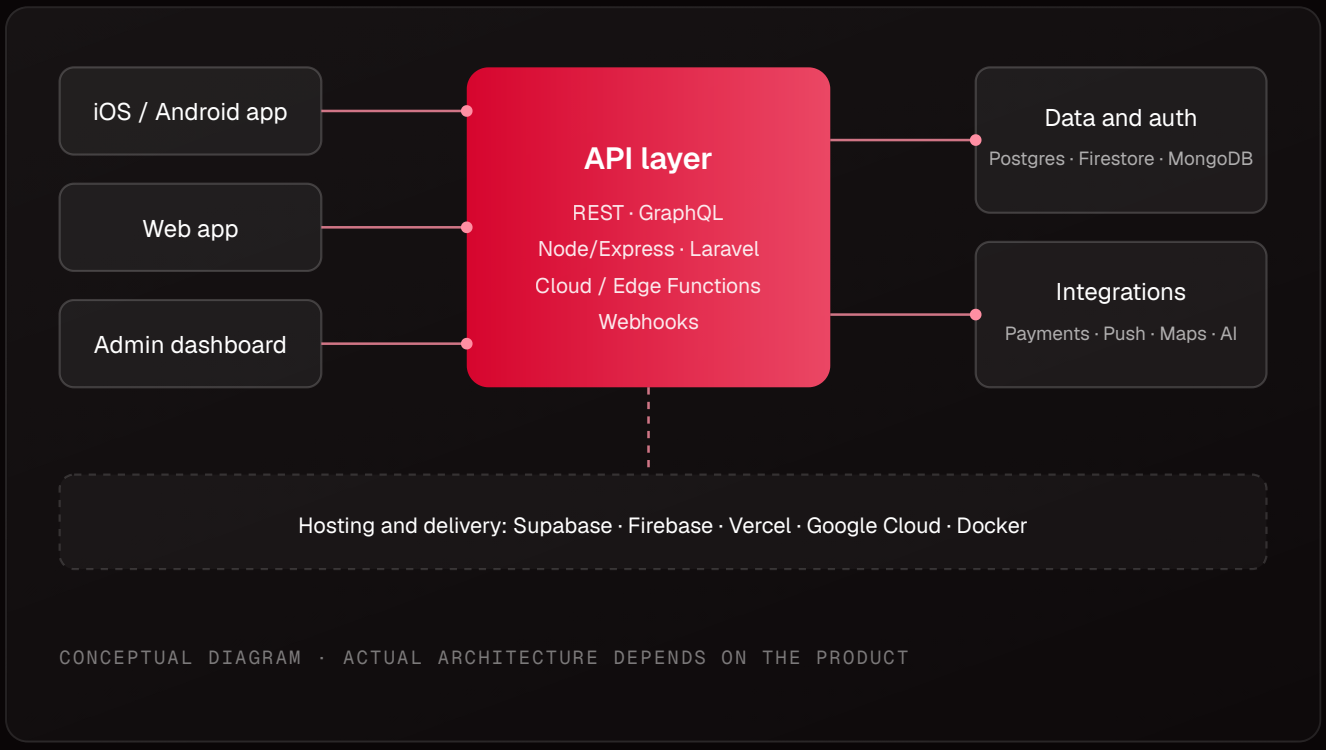
Upwork web engagements: Next.js fixes, PHP web development, CMS customization and e-commerce customization.

> *"He immediately understood the issues with our Next.js App and delivered clean, efficient fixes.*
>
> UPWORK REVIEW · QUICK FIX NEEDED IN NEXTJS APP · MAY 2025

CAPABILITY

Backends, APIs and cloud services that *apps can rely on.*

Most app problems we are asked to fix trace back to the backend: an API that changed, an auth flow that breaks, data that does not sync. We design these layers with that in mind.



APIs and integration

- REST API design, versioning and documentation
- GraphQL where the client benefits
- Third-party APIs: payments, push, maps, AI
- Webhooks and background jobs

Supabase and Firebase

- Supabase: Postgres, Auth, Storage, row-level security, Edge Functions
- Firebase: Auth, Firestore, Cloud Functions, Cloud Messaging
- Real-time sync and offline-friendly data models

Servers and data

- Node.js / Express and Laravel services
- PostgreSQL, MySQL and MongoDB schemas
- Python services for ML models
- Deploys on Vercel, Google Cloud, Docker

DEMONSTRATED WORK

HelloBible: Firebase Auth, Firestore sync and Cloud Functions, with streaming AI responses over REST.

DEMONSTRATED WORK

Olive Arabic: Supabase and PostgreSQL, plus a Python service running a Hugging Face translation model.

DEMONSTRATED WORK

Store compliance: an app's API updated to meet a Google Play policy deadline (Upwork, Aug 2024).

CAPABILITY

Design that engineers *can build* and users understand.

We design in Figma, with the build in mind: components that map to code, states for loading, empty and error cases, and flows that work on small screens.

WHAT WE DELIVER

- User flows and information architecture
- Wireframes and clickable Figma prototypes
- UI design and design systems or UI kits
- Motion and micro-interaction specs
- App Store and Google Play listing assets
- Design-to-code handoff, then implementation by the same team

TOOLS

Figma · Adobe XD · Tailwind CSS · Framer Motion · GSAP

FROM DESIGN TO RELEASE

01 **Map**
Journeys, screens and edge states

02 **Prototype**
Clickable Figma flow to test early

03 **System**
Tokens and components shared with code

04 **Build**
Implemented by the same team

05 **Polish**
Motion, accessibility, store assets

DEMONSTRATED WORK

Figma-to-code proof-of-concept app built with AI tools (Upwork, Mar 2025); app UI design and front-end work across several React Native engagements (Upwork, 2024).

WHAT A DESIGN HANDOFF CONTAINS

Flows
Every journey, including empty, loading and error states

Components
Reusable UI with variants that map to code

Tokens
Color, type and spacing shared by design and code

Specs
Motion, accessibility notes and edge cases

> *"Ahsan delivered awesome designs for our app, was great with communication, and patient with any changes we requested!*

UPWORK REVIEW · FRONTEND SOFTWARE ENGINEER, REACT NATIVE · OCT 2024

D

WAY TO ENGAGE

MVPs that prove the idea *and survive version two.*

An MVP should answer one question: will people use this? We help you cut the scope to what answers it, then build that part properly, so the code you launch with is code you can keep.

IN THE FIRST VERSION

- One core user journey, done well
- Sign-up, onboarding and the key screen
- Basic analytics to see what users do
- A simple admin to manage content or users
- Store or web release

USUALLY LATER

- Secondary features and settings
- Complex roles and permissions
- Heavy automation and integrations
- Multi-language and multi-region
- Scale optimizations before there is scale

A PRACTICAL STARTING STACK

React Native with Expo for iOS and Android, Next.js for web and admin, Supabase or Firebase for auth and data. Fast to build on, and nothing you need to throw away later.

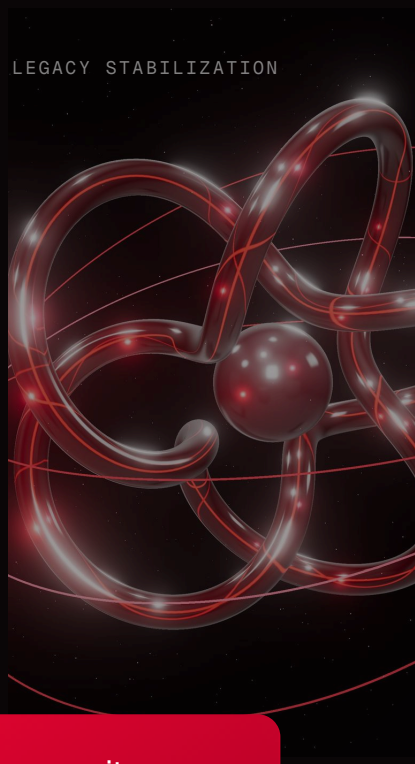
HOW AN MVP ENGAGEMENT RUNS

Scope	Design	Build	Test	Launch
Core loop, success measure, cut list	Figma flow for the core journey	Sprints with weekly demos	TestFlight and Play internal testing	Release, measure, plan v2

On timelines. We give a timeline after scoping, not before. It depends on the number of screens, integrations and approvals involved, and we would rather give you an accurate plan than an optimistic one.

DEMONSTRATED WORK

MVP, proof-of-concept and waitlist app builds in React Native for founders (Upwork, 2024–2025); Olive Arabic web platform and pre-launch waitlist. Case study →



SPECIALIST SERVICE

Legacy codebase stabilization *and modernization.*

For apps that crash, will not build, are stuck on old SDKs, or have become risky to release. We stabilize what you have before recommending anything bigger.

01 **Audit**
Repository, build configuration, environments, dependency tree, crash and ANR reports. Findings ranked by risk and impact.

02 **Builds and environments**
Xcode and Gradle failures, EAS configuration, signing, environment variables, CI.

03 **Dependencies and upgrades**
Expo SDK and React Native version upgrades, deprecated and abandoned libraries, native module conflicts.

04 **Bugs, regressions and APIs**
Crash fixes, broken flows, API contract changes and backend integrations that drifted.

05 **Performance**
Startup time, rendering, memory, network usage and battery impact.

06 **Technical debt**
Targeted refactoring where it reduces risk or unblocks the roadmap, not refactoring for its own sake.

07 **Release readiness**
Store-policy compliance, target API levels, privacy declarations, a repeatable release process.

No needless rewrites

A rewrite is expensive and resets years of bug fixes. We recommend one only when the audit shows the existing code cannot be made stable at reasonable cost, and we show you why.

WHAT YOU RECEIVE

- Prioritized findings with risk levels
- A stabilization plan in phases
- Fixes delivered as reviewed pull requests
- Upgrade notes and release checklist

DEMONSTRATED WORK

Upwork engagements include a crash and ANR stabilization audit, Expo SDK upgrades (e.g. 48 to 52), a broken EAS pipeline, React Native refactoring and cleanup, codebase consultations and a TestFlight white-screen production crash.

> *"We had an existing codebase with a fairly complex setup, and Ahsan quickly got up to speed. He has since implemented numerous new features, improvements, and updates while keeping the codebase aligned with the latest versions.*

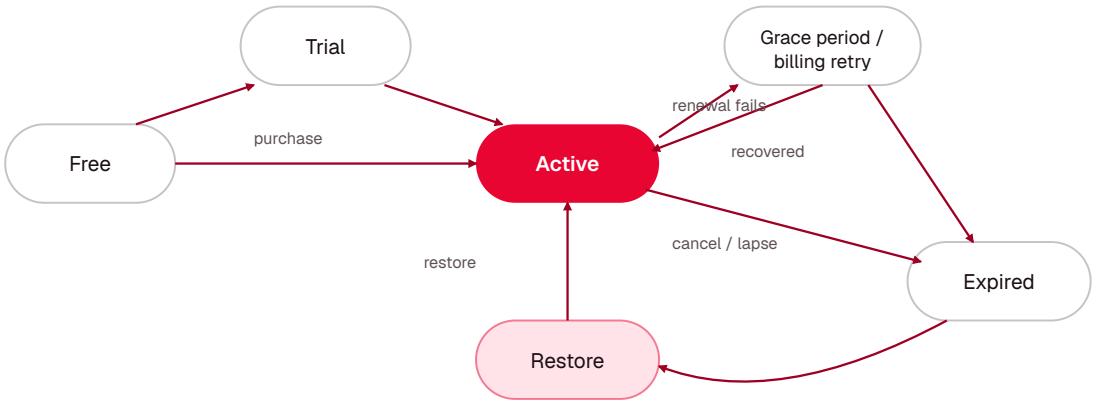
UPWORK REVIEW · APP UPDATES AND MAINTENANCE (PRODUCT OWNER)

F

SPECIALIST SERVICE

Subscriptions and *in-app purchases.*

Purchase code is where small bugs cost real money. We build and repair subscription flows so the app, the store and your backend agree on who has paid for what.



CONCEPTUAL ENTITLEMENT STATES (SIMPLIFIED)

WHAT WE COVER

- Paywalls, purchase and upgrade or downgrade flows
- Entitlement state, kept in sync between app and backend
- Restore purchases and account linking across devices
- Server-side receipt or purchase validation
- Renewals, cancellations, grace periods and billing retry
- Sandbox and TestFlight testing; Google Play test tracks
- Failure handling: interrupted purchases, pending payments, refunds
- Store review requirements for subscription apps

We implement with the native App Store and Google Play billing APIs through React Native libraries, or with a subscription platform your team already uses. For web and non-store payments we use Stripe.

● DEMONSTRATED WORK

HelloBible: in-app subscriptions in a React Native / Expo app. Case study →

● DEMONSTRATED WORK

Oparko: Stripe integration with saved payment methods and receipts for parking sessions.

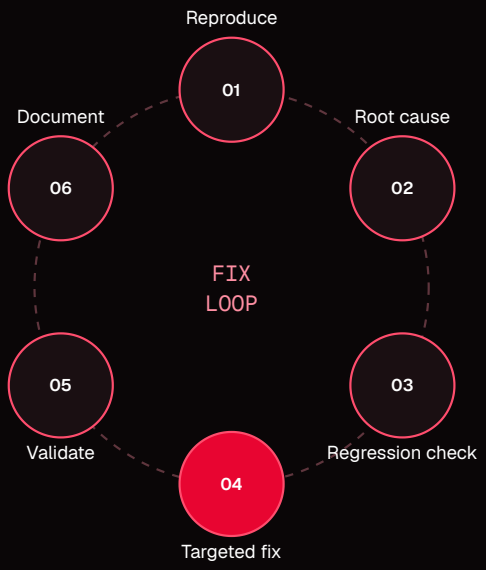
○ GENERAL CAPABILITY

Edge-case test plans and audits of existing purchase code, offered as a standalone engagement.

SPECIALIST SERVICE

Bug fixing and *app rescue.*

When the original team is gone, a release is blocked, or users are reporting crashes, you need a fix that holds. We work in a fixed loop, and we tell you honestly when a patch is not enough.



- **Reproduce** the issue on the affected devices, OS versions and builds
- **Find the root cause** in logs, crash reports and code, not only the symptom
- **Assess regression risk**: what else touches this code
- **Fix** with the smallest change that solves the cause
- **Validate** on real devices and re-test related flows
- **Document** the cause, the fix and anything still at risk

> *"He and his team stepped in to help after the original App development company failed to supply support. His service was fast and professional.*

VERIFIED UPWORK CLIENT TESTIMONIAL · 2023

> *"Gave lightning-fast resolution of the issue in under 12 hours.*

UPWORK REVIEW · REACT NATIVE DEBUG · AUG 2023

Turnaround depends on the issue. This was one engagement, not a service-level commitment.

WHEN CLIENTS USUALLY CALL US

The original team is gone
No one left who knows the code or the build setup

A release is blocked
Builds fail after an OS, Xcode or SDK update

Crashes after an update
A spike in crash or ANR reports from users

A rejection on the stores
A review issue that needs code changes

DEMONSTRATED WORK

Upwork engagements include fixing existing React Native apps, module bug fixing, debugging Google Play build issues, a Firebase code investigation, and TopMusic background-audio fixes. Case study →

H

SPECIALIST SERVICE

App Store and Google Play *submission support.*

Help preparing a first submission, and practical help when a build is rejected or a policy deadline is coming.

BEFORE YOU SUBMIT

- Store listing: copy, screenshots, previews
- Privacy nutrition labels and Google Play Data safety form
- Account deletion, sign-in and permission requirements
- Review notes and demo accounts for reviewers
- Build signing, versioning, TestFlight and test tracks

AFTER A REJECTION

- Read the cited guideline and the reviewer's notes
- Identify whether code, metadata or both must change
- Make and test the change
- Draft a clear reply for App Store Connect or Play Console
- Resubmit and track the review

POLICY CHANGES

- Google Play target API level updates
- SDK and permission changes required by Apple or Google
- Subscription and payment rule changes
- Deadline planning so updates ship in time

!

What we do not promise

Approval decisions rest with Apple and Google. No developer can guarantee approval. What we can do is make sure your submission addresses the guidelines that were cited, and that your reply to the reviewer is clear and complete.

REVIEW AREAS WE COMMONLY HELP ADDRESS

`Apple 2.1 · App completeness` `Apple 2.3 · Accurate metadata` `Apple 3.1.1 · In-app purchase` `Apple 4.2 · Minimum functionality` `Apple 5.1.1 · Data collection and storage` `Google Play · Data safety` `Google Play · Target API level` `Google Play · Permissions declarations`

Guideline references from Apple's App Review Guidelines and Google Play policy areas, for orientation only.

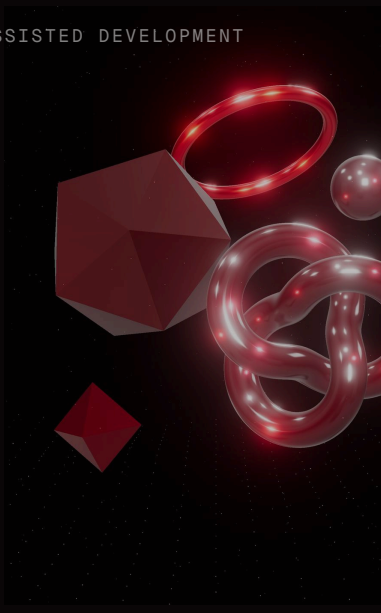
DEMONSTRATED WORK

Upwork engagements include preparing an app listing for Apple (Aug 2023), app publishing for Android and iOS (Nov 2022), getting a React Native app ready for Google Play (Aug 2023), and updating an app's API to meet a Google Play compliance deadline (Aug 2024).

I

WAY TO ENGAGE

AI-assisted and *vibe-coded* development.



AI coding tools make good engineers faster. They also produce apps that look finished and are not. We use them as accelerators and we fix what they leave behind.

HOW WE USE AI IN DELIVERY

- AI coding assistants for scaffolding, tests and refactors
- Figma-to-code acceleration for UI
- Faster codebase exploration during audits
- Every change still reviewed by an engineer before merge

TAKING OVER A VIBE-CODED APP

- Review structure, dependencies and duplicated logic
- Security pass: secrets, auth, database rules, input validation
- Add tests around the flows that matter
- Fix build, performance and store-readiness issues

AI output is a draft, not a release.

Generated code is not production-ready by default. Our guardrails are human review, tests, security checks and real-device testing, the same standard as hand-written code.

WHERE AI ACCELERATION FITS WELL

Prototypes, internal tools, scaffolding, test generation, and refactors covered by tests.

WHERE IT NEEDS EXTRA CARE

Payments, authentication, health or personal data, and anything going through store review.

AI FEATURES INSIDE PRODUCTS

AI study chat in HelloBible, the AI companion and translation model in Olive Arabic, and on-device posture detection with CoreML in Hunched.

“Performance engineering that brought streaming latency from 7 seconds down to under 3.

UPWORK REVIEW · REACT NATIVE APP WITH AI-POWERED BACKEND · APR 2026

Figure as reported by the client in their review.

J

WAY TO ENGAGE

Extend your team. *Accelerate your roadmap.*

Dedicated developers who join your stand-ups, work in your repository and tools, and take ownership of their part of the roadmap.

Model 01

Dedicated developer

A React Native, web or full-stack engineer embedded in your team, part-time or full-time.

Model 02

Product squad

A small cross-functional unit (for example mobile, web/backend and design or QA) owning a product area.

Model 03

Maintenance retainer

Monthly capacity for upgrades, fixes, store-policy changes and small features.

HOW IT WORKS

- Agreed working-hour overlap with your time zone
- Your tools: GitHub or GitLab, Jira, Linear, Slack or Teams
- Senior review on our side, in addition to yours
- Capacity scaled up or down with notice, by agreement
- Engagements through Upwork or directly

DEMONSTRATED WORK

Long-running Upwork engagements as embedded React Native engineers (2023–2026), including a team-lead role mentoring junior developers and a stabilization client who kept us on a monthly basis afterwards.

"Very senior technically, able to lead teams, and to help junior developers give the best on the project.

UPWORK REVIEW · REACT NATIVE, CLEANING PROJECT · SEP 2024

Need engineers who can start on your codebase?

Tell us your stack, the work ahead and the overlap you need. We will propose a team shape.

contact@algoastics.com
WhatsApp +92 309 8876725
algoastics.com/contact

03

SELECTED WORK
PAGES 21–31



PORTFOLIO

Products in the hands *of real users.*

Store-published apps and live platforms we have built, extended or stabilized. Each case study states our role and where the evidence comes from.

Our role

Taken from our Upwork contracts and portfolio case studies. Where we contributed to an existing product, we say so.

Screens

Genuine screenshots from the public App Store, Google Play or website listing, unedited. Credit belongs to each product's owners.

Listing data

Download bands from public Google Play listings (October 2026). They describe the whole product, not our contribution alone.

Products are referenced by app name only. Store names and trademarks belong to their owners.

MOBILE PORTFOLIO

Seven apps, *seven categories.*

From AI chat and music streaming to telemedicine and live sports scoring, built, extended or stabilized with React Native.

APP	PLATFORMS	OUR ROLE	PLAY INSTALLS	
HelloBible Faith and education · AI chat	iOS · Android	Lead React Native development, full lifecycle	100K+	22
TopMusic Music streaming	iOS · Android · Web	Lead mobile engineering: architecture, fixes, performance	100K+	23
Evolve Strength training	iOS · Android	Full-stack mobile development	10K+	24
MOOD Teen mental health (CBT)	iOS · Android	React Native engineering	10K+	25
The Octagon by Champs MMA Combat-sports training	iOS · Android	Lead React Native development	10K+	26
IH Sports Sports leagues and events	iOS · Android	React Native mobile development	10K+	27
RootsCare Healthcare marketplace	Android (2 apps)	Full-stack mobile development	1K+ each	27

Play installs: download band shown on the public Google Play listing, October 2026. Role: from Algoastics' Upwork portfolio case studies and contracts.

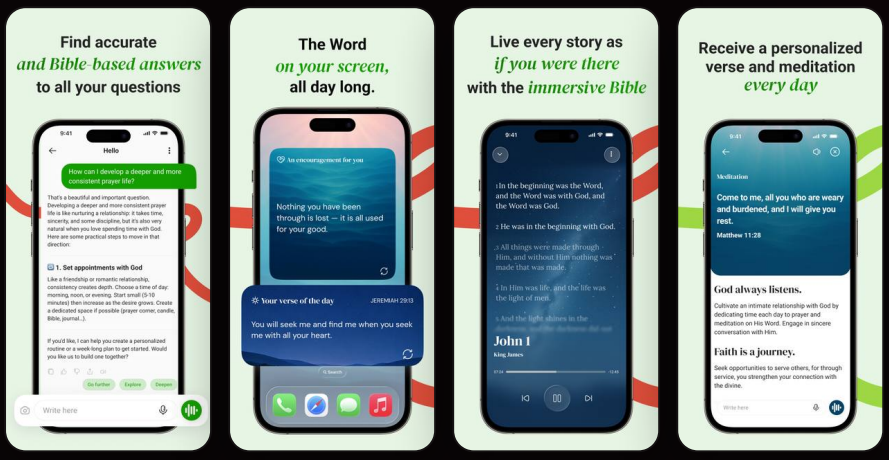
ALSO IN OUR MOBILE PORTFOLIO

F.R.Y (yoga and wellness) · **Oparko** (smart parking, Denmark) · **Hunched** (posture tracking) · **Enhanced Sports** and **Hockey for Juniors** (sports) · **PiggyStreak** (React Native with AI backend). Details on request.

CASE STUDY · FAITH AND EDUCATION

HelloBible

An AI Bible companion for iOS and Android: conversational Q&A, daily devotionals, quizzes and guided reading plans.



Screens: public App Store listing, HelloBible : Bible Chat.

STACK

React Native · Expo · TypeScript · Redux · Firebase · OneSignal · In-app purchases · AI chat

PLATFORMS

iOS, Android

OUR ROLE

Lead React Native development across the full lifecycle, from architecture to store releases.
Source: Algoastics Upwork portfolio case studies (both founders' profiles).

EVIDENCE

DEMONSTRATED WORK

OUTCOME EVIDENCE

Public listing: 100K+ downloads on Google Play (October 2026).
Listing data describes the whole product, not our contribution alone.

APP STORE ↗

GOOGLE PLAY ↗

OVERVIEW

HelloBible lets readers ask questions about Scripture in a chat, follow reading plans and receive a daily verse and meditation. The app was built from scratch for iOS and Android.

WHAT WE DELIVERED

- Expo architecture with EAS Build and over-the-air updates
- Streaming AI chat via REST APIs and cloud functions
- Firebase Authentication, Firestore real-time sync and Cloud Functions
- In-app subscriptions and OneSignal push notifications
- Offline caching for reading and note-taking; multi-language UI

WHAT THE PRODUCT NEEDED

A mobile app that could hold responsive AI conversations, keep reading progress and notes in sync across devices, work offline for reading, reach users with notifications, and support subscriptions.

ENGINEERING FOCUS

Responsive AI answers

Responses stream into the chat as they are generated, rather than appearing after a long wait.

Shipping between store reviews

OTA updates through EAS let JavaScript fixes reach users without a full store release.

One codebase, two stores

Shared React Native UI for iOS and Android, localized for multiple languages.

CASE STUDY · MUSIC STREAMING

TopMusic

A Christian music streaming platform with background playback, offline listening, playlists and artist support, on iOS, Android and web.

OVERVIEW

TopMusic is a streaming service for Christian music with artist discovery, curated playlists, recommendations and a tipping feature that supports artists directly.

WHAT THE PRODUCT NEEDED

Reliable playback in the background and on the iOS lock screen, offline listening for downloaded music, and a cleaner codebase that could take new features without new regressions.

WHAT WE DELIVERED

- Refactored the background audio service to eliminate playback drops on the iOS lock screen
- Audio buffering and local cache management for offline playback
- Dynamic playlist syncing and offline download management
- TypeScript architecture with optimized Redux state stores

ENGINEERING FOCUS

Playback that does not stop

Background audio on iOS is unforgiving; the service was refactored so playback continues through lock-screen and app-switch events.

Offline as a first-class mode

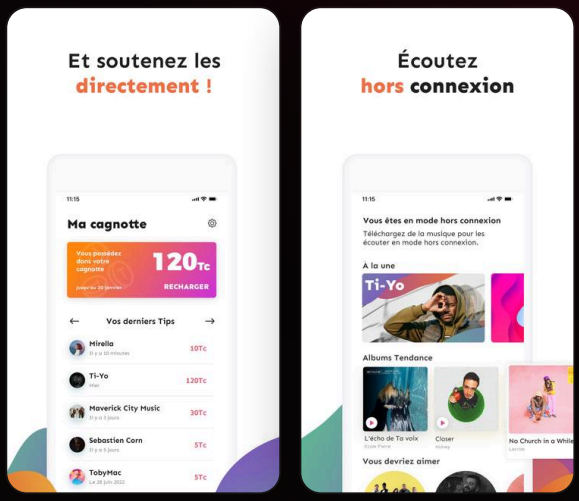
Buffering, local caching and download management let the library play without a connection.

Cleaner state management

A TypeScript architecture with optimized state stores, so new features are easier to add to a live product.

STACK

React Native · TypeScript · Redux · Audio streaming · Offline caching · Performance



Screens: public App Store listing (French storefront), TopMusic.net.

PLATFORMS

iOS, Android, Web

OUR ROLE

Lead mobile engineering on an existing product: architecture, bug fixing, performance and enhancements.

Source: Algoastics Upwork portfolio case studies (both founders' profiles).

EVIDENCE

DEMONSTRATED WORK

OUTCOME EVIDENCE

Public listing: 100K+ downloads on Google Play (October 2026).

Listing data describes the whole product, not our contribution alone.

APP STORE ↗

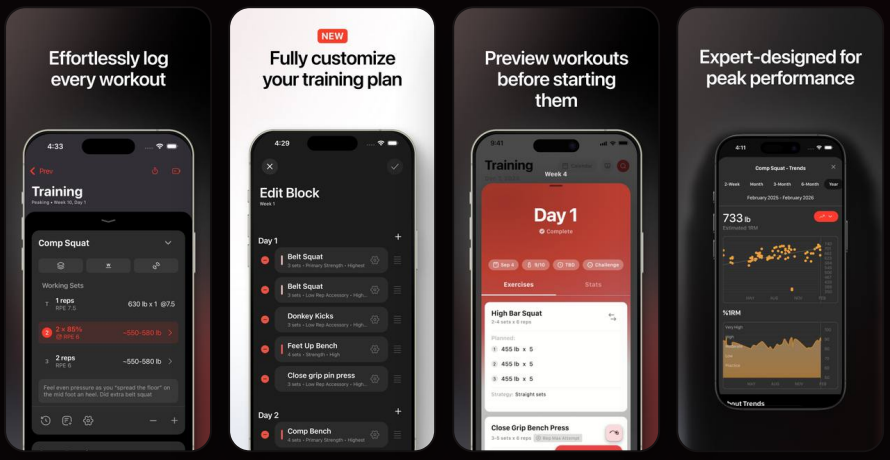
GOOGLE PLAY ↗

WEBSITE ↗

CASE STUDY · FITNESS

Evolve

A strength-training app that logs workouts, builds training plans and adapts sets and weights to the athlete's progress.



Screens: public App Store listing, Evolve Training App.

PLATFORMS

iOS, Android

OUR ROLE

Full-stack mobile development.
Source: Algoastics Upwork portfolio case study.

EVIDENCE

DEMONSTRATED WORK

OUTCOME EVIDENCE

Public listing: 10K+ downloads on Google Play (October 2026).
Listing data describes the whole product, not our contribution alone.

STACK

React Native · Firebase · Video streaming · Adaptive workout logic

APP STORE ↗

GOOGLE PLAY ↗

OVERVIEW

Evolve (listed as Evolve Training App) helps lifters log every session, customize training blocks, preview workouts before starting and follow progress insights over time.

WHAT WE DELIVERED

- Interactive exercise video streaming with set and rep interval counters
- Dynamic workout generator that adapts sets and weights from completed workout data
- Firebase backend for workout history, analytics and cloud sync

WHAT THE PRODUCT NEEDED

Guided workouts with exercise video and timers, training that adapts to what the athlete actually completed, and a workout history that syncs across devices.

ENGINEERING FOCUS

Adaptive training logic

Upcoming sets and weights respond to logged performance instead of following a fixed plan.

Usable mid-set

Video, counters and timers are designed to be read at a glance during a workout.

History that travels

Workout data in Firebase supports progress analytics and sync across devices.

CASE STUDY · MENTAL HEALTH

MOOD

Simple, evidence-based tools that help teenagers manage big feelings: find a tool by mood, follow short exercises, and track moods over time.

OVERVIEW

MOOD (published as The Mood Tools) groups Cognitive Behavioral Therapy (CBT) techniques by feeling and by type, such as action, breathing, five-senses and imagination tools, with a mood calendar to look back on.

WHAT THE PRODUCT NEEDED

A low-friction app for a young audience, with mood data kept private: offline-first storage on the device and encrypted data.

WHAT WE DELIVERED

- React Native engineering for iOS and Android
- Offline-first storage for mood entries
- Encrypted local data
- Work on the CBT tool experience and mood tracking

ENGINEERING FOCUS

Privacy by default

Sensitive mood data stays on the device and is stored encrypted.

Offline-first

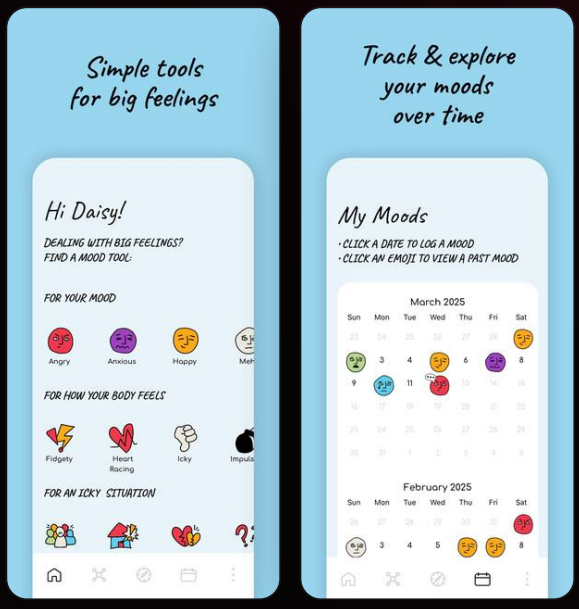
Tools and mood logs work without a connection, when a teen needs them.

Built for a young audience

The product is a set of short, step-by-step tools, so the app has to stay fast and simple to use.

STACK

React Native · Offline storage · Data encryption · CBT tools



Screens: public App Store listing, The Mood Tools.

PLATFORMS

iOS, Android

OUR ROLE

React Native engineering on the mobile app.

Source: Algoastics Upwork portfolio case study. Our scope is summarized there by area, not itemized.

EVIDENCE

DEMONSTRATED WORK

OUTCOME EVIDENCE

Public listing: 10K+ downloads on Google Play (October 2026).

Listing data describes the whole product, not our contribution alone.

APP STORE ↗

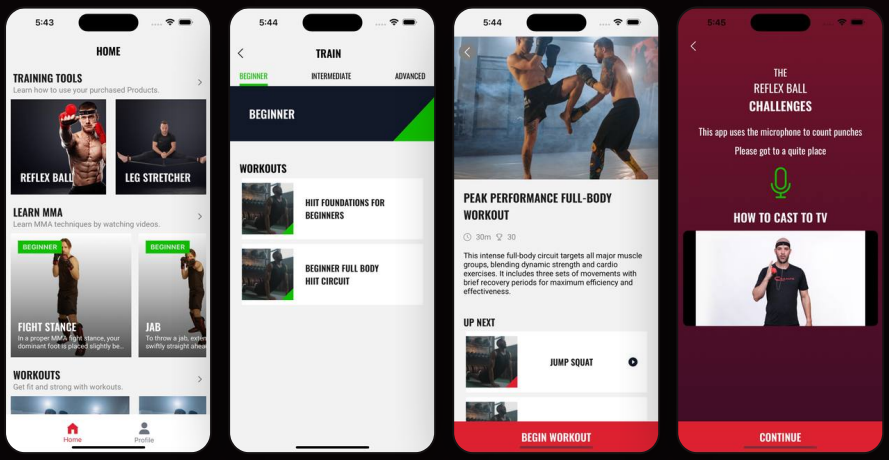
GOOGLE PLAY ↗

WEBSITE ↗

CASE STUDY · COMBAT-SPORTS TRAINING

The Octagon by Champs MMA

Martial-arts training at home: reflex-ball drills, flexibility routines and video-guided MMA fundamentals by level.



Screens: public App Store listing, The Octagon by Champs MMA.

STACK

React Native CLI · Firebase · REST APIs · GraphQL · Stripe · Custom animations

PLATFORMS

iOS, Android

OUR ROLE

Lead React Native development, including finishing development of the app for launch.

Source: Algoastics Upwork portfolio case studies and contract history (2024).

EVIDENCE

DEMONSTRATED WORK

OUTCOME EVIDENCE

Public listing: 10K+ downloads on Google Play (October 2026).

Listing data describes the whole product, not our contribution alone.

APP STORE ↗

GOOGLE PLAY ↗

OVERVIEW

The Octagon pairs Champs MMA training products, such as the reflex ball and leg stretcher, with workouts, technique videos and challenges for beginner to advanced levels.

WHAT WE DELIVERED

- UI animations and video playback optimized for high-intensity workouts
- REST APIs and Firebase for member tracking and workout history
- Finishing development and cross-platform release on the App Store and Google Play

WHAT THE PRODUCT NEEDED

Smooth video and animation during high-intensity workouts, member and workout tracking, and a release on both stores.

ENGINEERING FOCUS

Bare React Native CLI

Built without a managed workflow, for full control over native configuration.

Video under load

Playback and animation tuned to stay smooth through fast-paced sessions.

Members and progress

Member tracking and workout history connected through REST APIs and Firebase.

CASE STUDIES

Live scores and *home healthcare.*

SPORTS LEAGUES AND EVENTS

IH Sports

A sports platform for tournaments, unions and clubs, with live scores, event details, post-event stats and coaching video drills. The same publisher also runs Hockey for Juniors and Enhanced Sports.

DEMONSTRATED WORK

Our role: React Native mobile development. Source: Upwork portfolio case study.

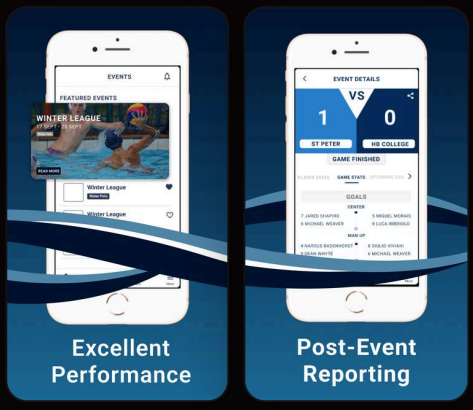
WHAT WE DELIVERED

- Real-time tournament scoring and player leaderboards
- Video player with categorized coach drills and training libraries

React Native · Expo · Video player · Real-time data

Public listing: 10K+ downloads on Google Play (October 2026).

APP STORE ↗ GOOGLE PLAY ↗



Screens: public App Store listing, IH Sports App.

HEALTHCARE MARKETPLACE

RootsCare

Two connected Android apps, for patients and for providers, to book doctors, nurses, caregivers and physiotherapists, including in-home care and video consultations.

DEMONSTRATED WORK

Our role: Full-stack mobile development of both apps. Source: Upwork portfolio case studies (both founders' profiles).

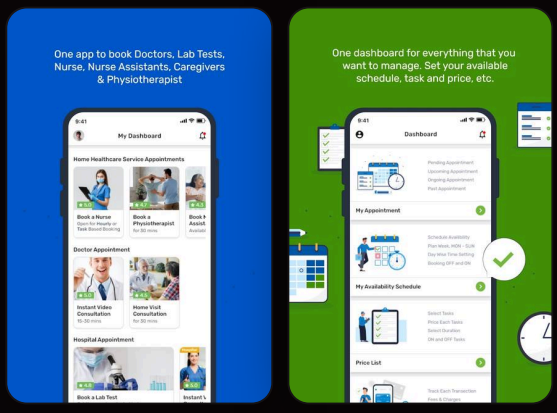
WHAT WE DELIVERED

- Patient and provider apps on a shared backend
- WebRTC video consultations
- Firebase real-time sync for appointment dispatch and push alerts

React Native · Firebase · WebRTC · Push notifications · Booking engine

Public listings: 1K+ downloads each on Google Play (October 2026).

PATIENT APP ↗ PROVIDER APP ↗

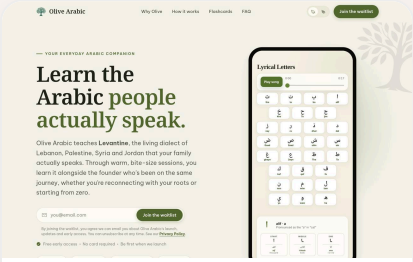


Screens: public Google Play listings, Rootscare for Patients and Rootscare for Providers.

WEB PORTFOLIO

Web platforms, *from storefront to SaaS.*

Three web products from our portfolio, plus the web engagements behind them. We mark clearly where our scope is fully documented and where it is not.

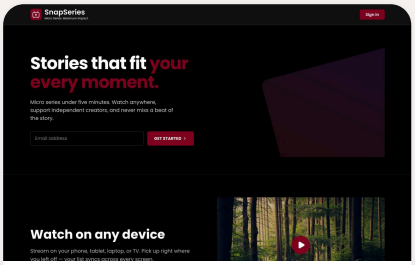


DEMONSTRATED WORK

Olive Arabic

EdTech platform: web, mobile app and content admin, built by Algoastics.

Page 31

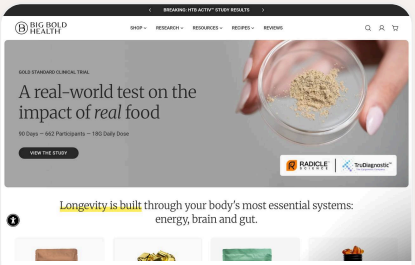


PORTFOLIO LISTING

SnapSeries

Micro-series video streaming platform with subscription plans.

Page 30



PORTFOLIO LISTING

Big Bold Health

Functional-nutrition brand and e-commerce storefront.

Page 29

WEB ENGAGEMENTS ON UPWORK

- Next.js application fixes
- PHP web design and development
- CMS customization
- E-commerce website customization
- Front-end development for an e-commerce social marketplace
- Website fixes such as FAQ sections and content updates

ALSO BUILT

algoastics.com: Next.js, TypeScript and Tailwind CSS, with an admin for leads, applications and portfolio content.

Admin dashboards for mobile products, such as the Olive Arabic content admin on Next.js and Supabase.

WEB PORTFOLIO · HEALTH AND E-COMMERCE

Big Bold Health

A functional-nutrition brand selling superfoods and supplements online, with research, recipes and reviews alongside the store.

PLATFORM

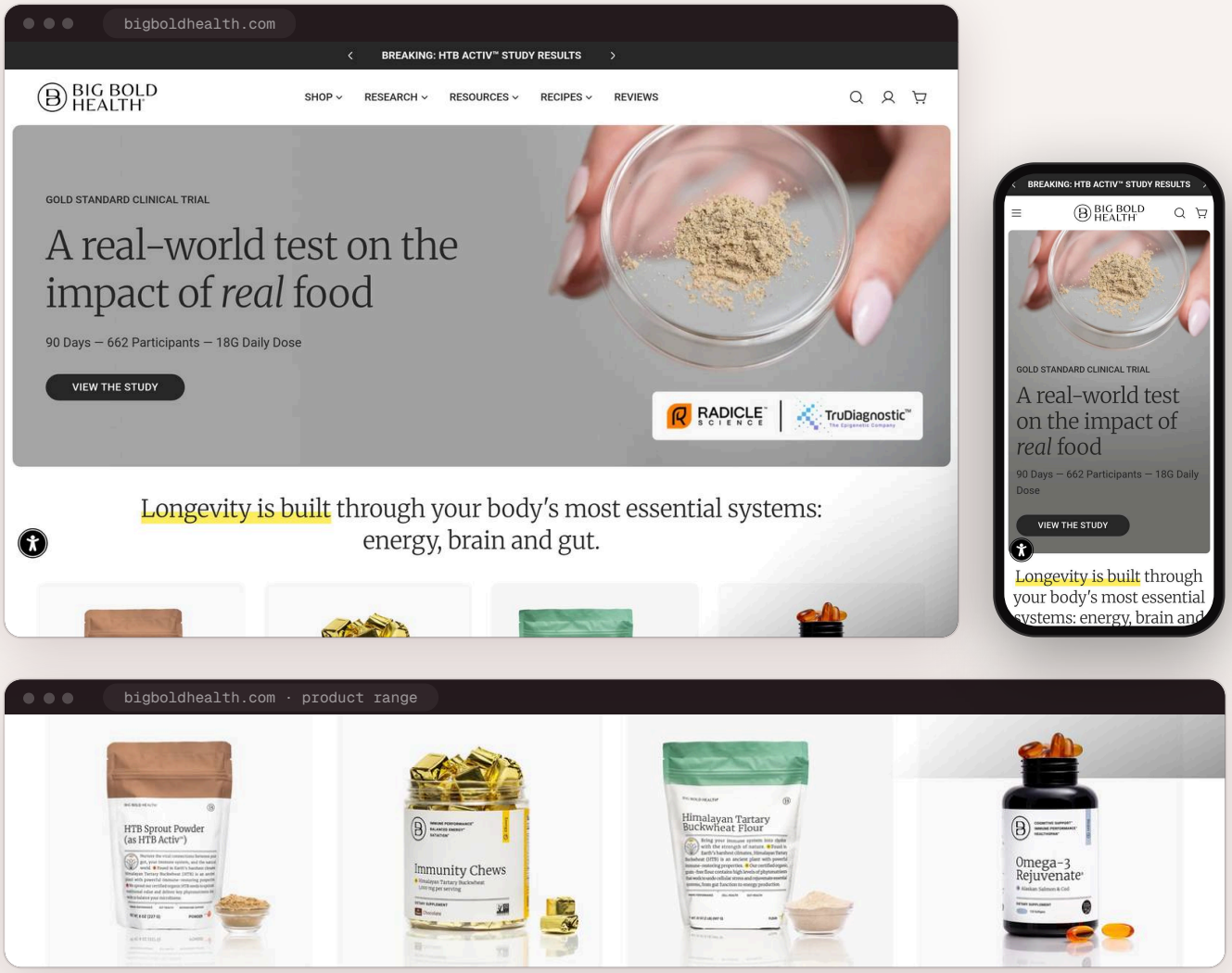
Web (desktop and mobile)

OUR ROLE

Listed on algoastics.com as health-brand product design, and in our Upwork web portfolio. Detailed scope available on request.

EVIDENCE

◐ PORTFOLIO LISTING



Screens: captured from the public website, October 2026 (newsletter pop-up and floating chat widgets hidden).

WHAT THE SITE DOES

- Product catalogue with sizes, add-to-cart and checkout
- Content hub: research, resources and recipes
- Customer reviews and a clinical-study feature on the homepage

RELEVANT CAPABILITIES

Brand and product design, e-commerce customization, CMS-driven content and responsive front-end work. See UI/UX design and web development.

BIGBOLDHEALTH.COM ↗

WEB PORTFOLIO · VIDEO STREAMING

SnapSeries

A streaming platform for micro-series: complete stories told in episodes under five minutes, watchable on any device, with support for independent creators.

PLATFORM

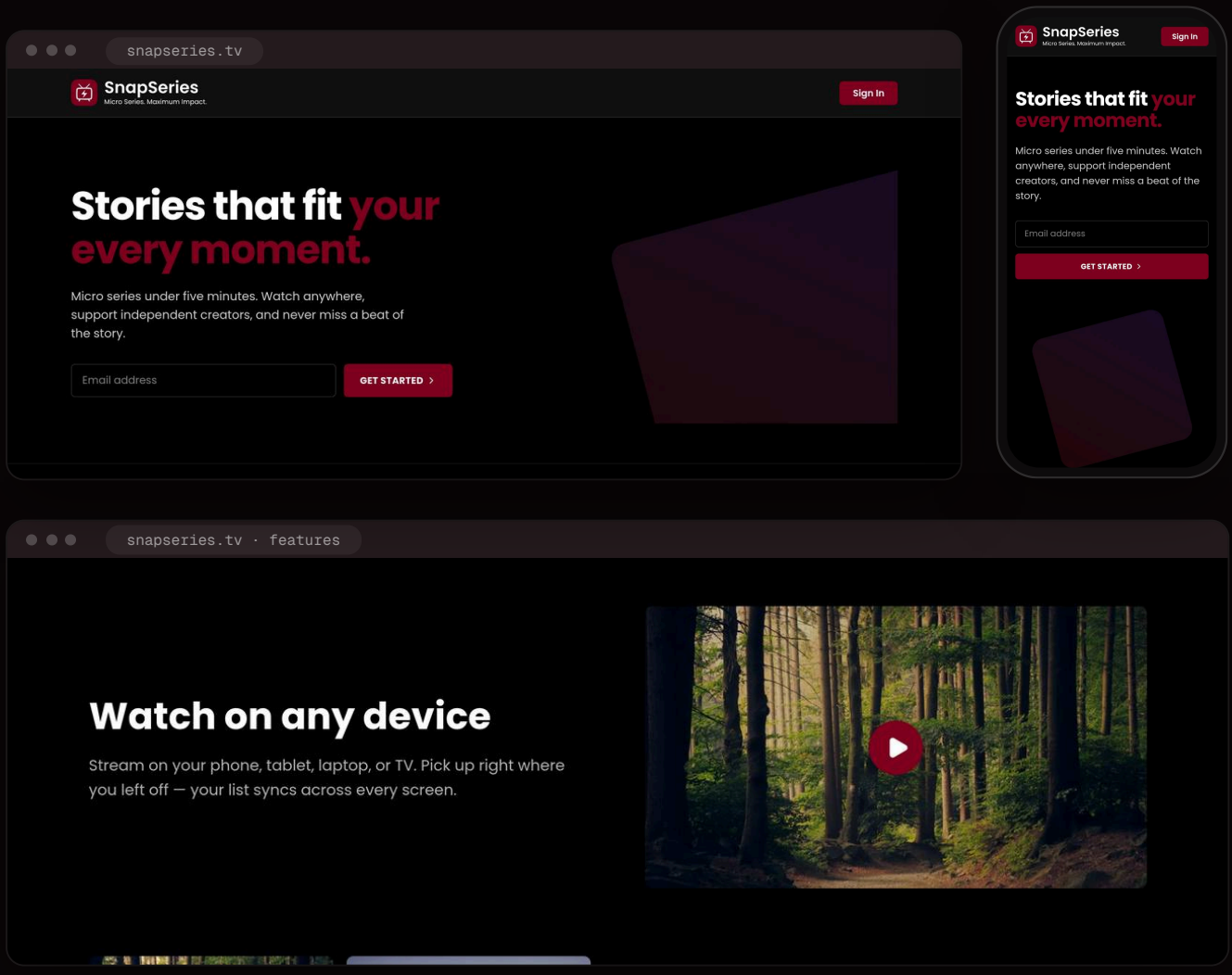
Web app, installable (PWA)

OUR ROLE

Listed in our Upwork web portfolio as a full-stack video-streaming project. Detailed scope available on request.

EVIDENCE

◐ PORTFOLIO LISTING



Screens: captured from the public website, October 2026.

WHAT THE PLATFORM DOES

- Streaming on phone, tablet, laptop or TV, with watch lists synced across screens
- Tiered viewer plans, from free and ad-supported to premium
- Creator support and earnings for independent producers

RELEVANT CAPABILITIES

Video streaming, subscription plans and entitlements, cross-device sync and installable web apps. See subscriptions and backend and cloud.

SNAPSERIES.TV ↗

CASE STUDY · EDTECH

Olive Arabic

A platform for learning Levantine Arabic, the dialect spoken in Lebanon, Palestine, Syria and Jordan, through short sessions, spaced-repetition review and an AI companion named Olive.

PLATFORMS

Web · iOS and Android app

OUR ROLE

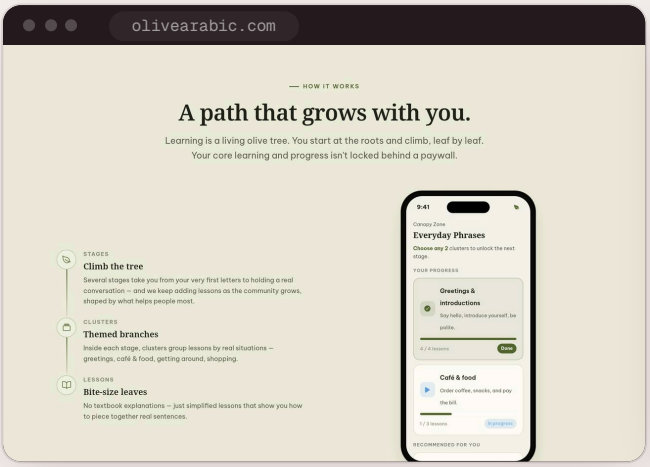
Product engineering end to end: web platform, mobile app, content admin and translation service.

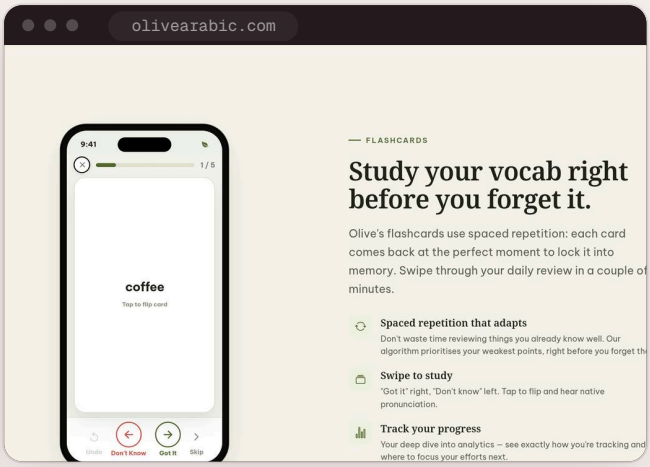
EVIDENCE

DEMONSTRATED WORK

STATUS

Website live with waitlist; app pre-launch. No usage figures claimed.





Screens: captured from the public website, October 2026. The phone images are part of the site's own design.

WHAT THE PRODUCT NEEDED

A structured path from first letters to real conversation (stages, clusters and lessons), review that adapts to each learner, content the team can update without developers, and a way to produce Levantine translations at scale.

WHAT WE DELIVERED

- Offline-first React Native (Expo) app with stages, clusters and lessons
- Spaced-repetition flashcards and the AI companion, Olive
- Next.js + Supabase admin for lesson content
- Python service using a Hugging Face M2M100 model for English-to-Levantine translation
- Marketing website with waitlist on Next.js, Tailwind CSS and PostgreSQL

ENGINEERING FOCUS

Offline-first learning

Lessons and reviews work without a connection and sync when one returns.

Content without deploys

Lesson content lives in Supabase and is edited in the admin, not in app code.

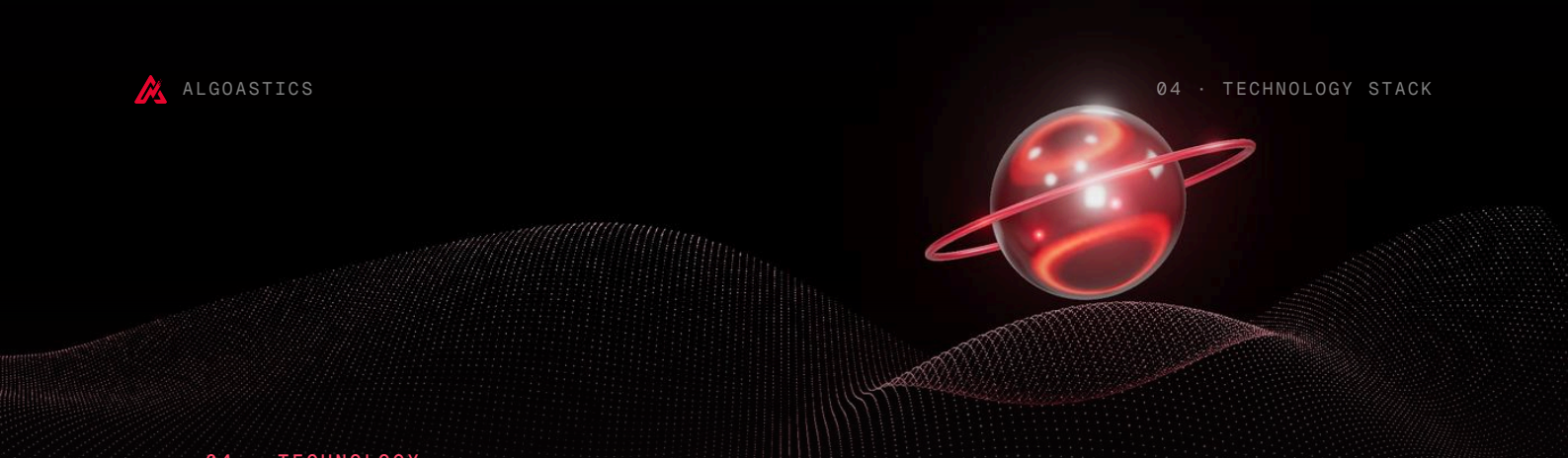
Dialect-specific translation

A dedicated Python model service handles English-to-Levantine translation for lesson content.

STACK

React Native · Expo · Next.js · Supabase · PostgreSQL · Tailwind CSS · Python · Hugging Face

OLIVEARABIC.COM ↗



04 · TECHNOLOGY

The stack we *build and maintain.*

Mobile

React Native · Expo · TypeScript · Redux Toolkit · Swift · Kotlin · Flutter

WHEN TO USE One codebase for iOS and Android. Expo for speed and OTA updates; bare React Native when deep native control is needed; Swift or Kotlin modules for platform features.

Web and full-stack

Next.js · React · Node.js · Express · MongoDB · Laravel · PHP · Tailwind CSS

WHEN TO USE Next.js for SEO-friendly products and dashboards; MERN for JavaScript-first custom platforms; Laravel for PHP teams and existing Laravel apps.

Backend and data

Supabase · Firebase · PostgreSQL · MySQL · GraphQL · Python

WHEN TO USE Supabase when relational data and SQL matter; Firebase for real-time sync and fast mobile backends; REST by default, GraphQL when clients need flexible queries.

Cloud and delivery

Vercel · Google Cloud · Docker · GitHub · App Store · Google Play

WHEN TO USE Managed platforms first, to keep operations light. EAS Build and Submit, TestFlight and Play Console for app releases.

Integrations

Stripe · OneSignal · Mapbox · WebRTC · Anthropic · LangChain · Hugging Face

WHEN TO USE Payments, push, maps, video calls and AI APIs, integrated and tested against their failure modes, not only the happy path.

UI/UX design

Figma · Adobe XD · Framer Motion · GSAP

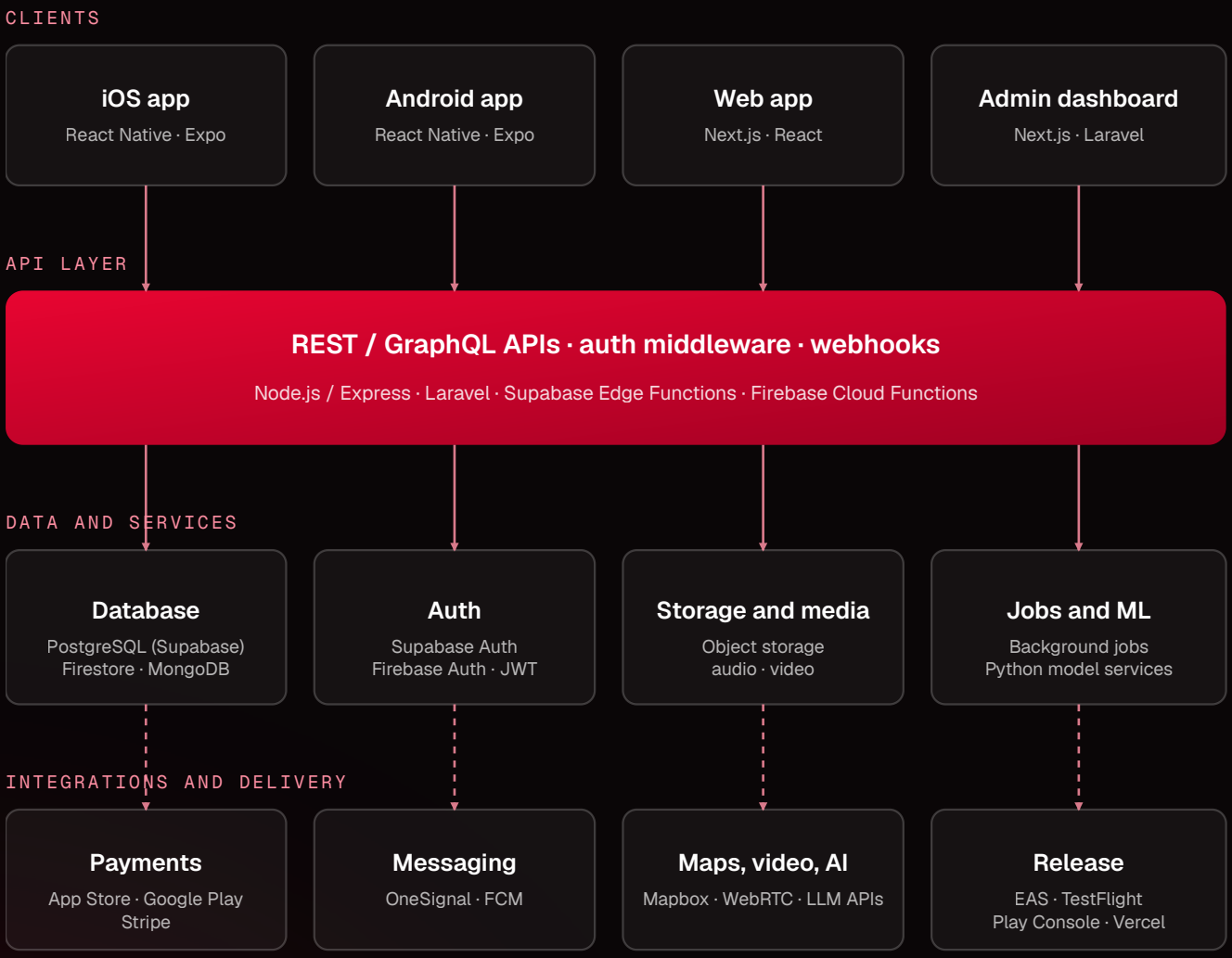
WHEN TO USE Flows, prototypes and design systems in Figma, built into components that the same team implements.

Logos via Simple Icons, shown for identification only; trademarks belong to their owners. Listing a technology describes our experience, not a partnership.

HOW THE PIECES CONNECT

One architecture, *mobile to cloud.*

A typical product we build: mobile and web clients share one API layer, one source of truth for data and auth, and a small set of well-tested integrations.



CONCEPTUAL REFERENCE ARCHITECTURE · NOT A DIAGRAM OF ANY CLIENT SYSTEM

Shared, not duplicated

Business rules live in the API layer, so iOS, Android and web behave the same way.

Managed where possible

Supabase, Firebase and Vercel reduce the infrastructure you have to operate.

Replaceable parts

Integrations sit behind clear interfaces, so a provider can change without a rewrite.

HOW WE COLLABORATE

Flexible engagements, *clear working rhythm.*

Engagement

Scoped project

A defined product or feature set. Scope, milestones and acceptance criteria agreed after discovery.

Engagement

Audit, then stabilization

A focused audit of an existing codebase first, then a phased plan you can approve step by step.

Engagement

Dedicated capacity

Developers or a small squad working in your team on an ongoing basis, part-time or full-time.

Engagement

Maintenance retainer

Monthly capacity for upgrades, store-policy changes, fixes and small features.

WORKING RHYTHM

- Kick-off to agree goals, scope, access and communication
- Shared board with visible priorities and status
- Weekly demo of working software
- Asynchronous updates between demos
- Code reviewed before merge; releases tested on devices
- Handover notes: architecture, environments, open items

GETTING STARTED

01 **Share a brief**
An idea, designs, a repository or a list of problems.

02 **Intro call**
We ask questions and, for existing code, review what we can.

03 **Proposal**
Scope, team, milestones and engagement model in writing.

04 **Kick-off**
Access, board and first sprint.

Pricing and contracts. We quote after we understand the scope, so this brochure does not list prices. Engagements can run through Upwork or directly with Algoastics.

WHY PARTNER WITH ALGOASTICS

Reasons you can *check.*

Each claim below is backed by something you can check: a store listing, a contract or a client's own words.

01	**Store-published track record** Apps on the App Store and Google Play across faith, music, fitness, mental health, sports and healthcare.	Store links in this brochure
02	**React Native since 2022** Our founders' Upwork contract history in React Native dates back to 2022, from new builds to Expo upgrades.	Upwork contract history
03	**Stabilization experience** Crash and ANR audits, broken builds, SDK upgrades and rescues of apps left by other vendors.	Upwork reviews and contracts
04	**Full stack under one roof** Design, mobile, web, backend and store releases from one team.	Case studies, pp. 22-31
05	**Client feedback you can read** Quotes in this brochure are taken verbatim from verified Upwork reviews.	Upwork
06	**Leadership you can reach** Founder-led delivery; our CEO and CTO are hands-on engineers.	Upwork engineering profiles

LEADERSHIP



Ahsan Iqbal
CEO



Ahsan Farooq
CTO



Ahmad Amir
COO

"Ahsan is without doubt one of the best React-Native devs I have worked with. Super smart, takes initiative, pays attention to detail. Very good communicator.

UPWORK REVIEW · REACT NATIVE DEVELOPMENT (FOUNDER) · 2024

"He flagged technical tradeoffs, asked smart questions, and delivered on what he committed to.

UPWORK REVIEW · REACT NATIVE APP DEVELOPMENT · APR 2026

CONTACT

Let's talk about *your product.*

Building something new, fixing something that is not working, or looking for engineers to join your team: send us a short note and we will reply within one business day.

EMAIL	contact@algoastics.com ↗
WHATSAPP	+92 309 8876725 ↗
WEBSITE	algoastics.com/contact ↗
LINKEDIN	linkedin.com/company/algoastics ↗
UPWORK	upwork.com/agencies/algoastics ↗

Website WhatsApp LinkedIn

Office
Office #26, Ajwa City, Gujranwala, Pakistan

Algoastics
Where Algorithms Meet Analytics