

Baran Adalı

Software Engineer

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Full-stack software engineer based in Istanbul with 4 years of experience building React Native/Expo mobile apps, Next.js web applications, and Node.js backend services. Hands-on experience with AI/LLM integrations, real-time streaming, Python automation, and CI/CD pipelines across Linux and Windows environments.

Comfortable owning the full product lifecycle: from system design and API architecture to SDK development, cloud deployment (Docker, Azure, AWS, Cloudflare), and shipping to production. Built and launched a complete SaaS platform with published npm packages, behavioral notification engine, and analytics dashboard — entirely from scratch.

EXPERIENCE

Hellospace

Software Developer · Remote · March 2025 - April 2026

Developing and maintaining multiple cross-platform mobile applications serving global user bases.

- **Rivo** — Personal finance & investment platform. Built the mobile app with Expo SDK 54 (New Architecture + React Compiler), featuring adaptive risk profiling, AI chat with SSE streaming (LangChain + Claude Sonnet), and audio report playback with lock screen controls. Developed the Hono/TypeScript backend with localized content serving, fallback chain resolution, and AI conversation windowing.

Provisioned a Windows Server on Azure and deployed a FastAPI podcast generation pipeline — async job queue spawning isolated subprocesses to drive NotebookLM via Playwright, with Telegram bot monitoring. Built the Next.js 16 admin dashboard with real-time job monitoring polling the Azure service. Set up CI/CD pipelines on both Windows and Linux environments.

- **Ailem ASELSAN** — Joined ongoing development of ASELSAN's corporate mobile app within a cross-functional team. Rebuilt the HTTP layer with automatic token refresh and request retry, handled SSL pinning across a domain migration, and reworked the notification system for reliable background delivery. Also improved layout responsiveness with safe area insets, introduced loading overlays for smoother data fetching transitions.
 - **Safa** — Built the mobile app from scratch (pixel-perfect from design) with Expo/React Native. Wrote native iOS widgets in Swift with WidgetKit. Built a real-time collaborative dhikr system using Supabase Realtime with atomic RPC increments and optimistic UI. Maintained and improved a prayer times microservice (Node.js + Redis) with location clustering (~48K calls/day → ~900/month) and a timezone-aware notification engine with batched push delivery.
 - **Muslim App** — Built the mobile app from scratch with Expo/React Native. Implemented device sensor-driven qibla compass, Quran audio playback with word-by-word sync, and native home screen widgets. Set up in-app subscription handling, event-based product analytics, and server-side ad monetization.
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Freelance

Freelance Developer · Remote · May 2024 - Nov 2024

Worked with small businesses delivering Next.js websites and landing pages. Built reusable component libraries and published npm packages for personal projects, focusing on frontend architecture and clean API design.

PROJECT

Riuve

Founding Engineer · SaaS

End-to-end behavioral push notification and user analytics SaaS, architected and shipped solo. The TypeScript backend runs on Express.js with Prisma, PostgreSQL, and a Redis-backed event queue, powering a rule-based campaign targeting engine with drip automation and A/B variant weighting. Delivery goes through Expo Server SDK + FCM for push and server-rendered React Email for transactional messages. Published Expo and Next.js client SDKs to npm with offline-first event batching, retry logic, and pluggable storage adapters.

On top of this, I built a Next.js 16 dashboard featuring a multi-step campaign wizard, audience condition builder, and an analytics suite with funnels, cohort retention, and event trends. The platform also includes an AI chat assistant powered by the Vercel AI SDK and Gemini, with project-scoped sessions and campaign context injection for natural-language campaign creation.

Keepirs

Creator · NPM Package

API performance monitoring library for React. Intercepts fetch calls with timing metadata, provides floating UI overlay with request grouping, stats (avg/min/max), detail panel with headers and body preview, "copy as cURL", and dark/light theme. Published on npm with ESM + CJS dual output via tsup.

LANGUAGES

Turkish: Native

English: Limited Working Proficiency

SKILLS

React Native · Expo · Next.js · React · TypeScript · Tailwind CSS · Node.js · Express · Hono · FastAPI · REST APIs · SSE · PostgreSQL · Prisma · Supabase · Redis · Vercel AI SDK · Docker · Firebase · AWS · Cloudflare · Git · Turborepo · EAS Build · Playwright · CI/CD

EDUCATION

IDMIB Vocational and Technical High School

2016-2019