

Batuhan Özkan

Full Stack Developer · AI-Native Engineering · Web & Mobile

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Summary

Full Stack Developer with **5+ years** of experience shipping web, backend and mobile products end to end, and a team-lead background. At Vizio AI I delivered **10+ production products in 8 months across healthcare, HR tech, supply chain, fintech and gaming**, from AI-powered recruitment and exam-simulation platforms to a financial research Slack bot, by running development through **orchestrated teams of AI coding agents** (Claude Code) with human review at every merge. Strong in **Next.js, TypeScript, Node.js, Supabase and Flutter**, and comfortable owning the whole path from client requirements to production handover.

Skills

Area	Technologies
AI & Agentic Development	Claude Code, multi-agent orchestration (lead agent + QA, developer, product, DevOps roles), Anthropic API, LLM integration, prompt & context engineering, git worktree parallel development
Frontend	Next.js, React, TypeScript, Tailwind CSS, Redux, SCSS
Backend & API	Node.js, NestJS, Express.js, REST, Socket.io, serverless functions, cron jobs, microservices
Mobile	Flutter (expert), React Native, GetX, BLoC
Data & Cloud	Supabase, PostgreSQL, MySQL, MongoDB, Firebase, Vercel, AWS S3, Microsoft Azure

Area	Technologies
DevOps & Process	Docker, CI/CD, GitHub/GitLab, staging-to-production release flow, Agile/Scrum, ClickUp, Slack

Experience

Vizio AI — Full Stack Developer

Mar 2026 - Oct 2026 · Türkiye

Owned 10+ client products end to end, from requirements to production, all live with active users. Standard stack: Next.js, TypeScript, Supabase and Vercel. Worked AI-native: features were planned, built, tested and reviewed by a team of specialised Claude Code agents that I designed and supervised.

- **AI agent orchestration:** designed a multi-agent workflow (lead agent directing QA, senior developer, product owner, security and DevOps agents) running 12+ parallel git worktrees in tmux, with merges to main only after my review.
- **Medical licensing exam simulator — 1,000+ active users:** built an oral/practical exam simulation for nurses relocating to Europe, delivered module by module against a 21-module plan.
- **Supply chain resilience toolkit:** built a cross-border assessment platform for the APEC Business Advisory Council (ABAC), sponsored by UPS: company profiling with regional and sector benchmarks, a 30-minute resilience questionnaire, automated scoring and gap-analysis reports, and a knowledge library. Also shipped a WeChat-ready version for users in China.
- **AI recruitment intelligence SaaS:** built a subscription platform that scrapes job boards, uses OpenAI to extract requirements and score hiring intent, parses CVs in bulk and matches candidates with pgvector semantic search; includes Apollo contact enrichment, outreach campaign tracking, 3 pricing tiers and role-based team access.
- **Student application CRM for education partners:** built a partner portal on top of HubSpot where agencies create student applications and track and manage each student’s status, with extensive webhook-driven two-way sync between the portal and the CRM.

- **IoT gaming venue management system:** built a platform for an arcade operator that connects its gaming machines, identifies customers by RFID card at each machine and records their play; includes a CRM, player statistics, live machine status and multi-branch admin.
- **Healthcare exam-prep platform:** built lessons, XP tracking, listening exercises and a speaking-exam simulation for B2-level German, plus 52 medical-department tracks with certificates and an admin panel; shipped through a staging-first release flow driven by client feedback.
- **AI candidate management platform:** delivered a 6-module, 4-week, \$11K engagement for an EU healthcare recruitment client, with Agile sprints, weekly client demos and ClickUp.
- **Financial research Slack bot:** delivered a serverless bot (`/research TICKER` command plus a daily email digest) on Next.js 16 and React 19, integrating FMP, Finnhub and the Anthropic API; wrote the client handover documentation.
- **Sustainability assessment platform:** built and launched a 12-week sustainability readiness program platform, reporting progress directly to the client.
- **Technical due diligence:** authored a bilingual (TR/EN) technical audit of a multi-tenant clinic operations platform.
- **R&D:** started Pare, an open-source token-compression tool for Claude Code, and co-prepared a TÜBİTAK 1501 grant concept on context compression and model routing for Turkish LLM workloads.

Scholege — Lead Full Stack Developer

Nov 2023 – Mar 2026 · Ankara / İstanbul (Hybrid)

- Architected and led development of the web and mobile platforms with a shared user experience.
- Built Node.js / Express.js backend services on complex MySQL schemas.
- Owned the Flutter app lifecycle and introduced Agile rituals across design, backend and frontend teams.
- Improved reliability with Firebase services and proactive monitoring.

Dream Big — Full Stack Developer (Contract)

Jan 2024 – Jan 2025 · Ankara / İstanbul (Hybrid)

- Owned the end-to-end lifecycle (frontend, backend, mobile) of a high-traffic product.

- Deployed scalable Express.js / MongoDB APIs on Microsoft Azure.
- Integrated AI/ML features to personalise user content and migrated legacy code to a modern architecture.

Epply — Software Developer (Backend & Mobile)

Aug 2024 - Dec 2024 · Ankara / İstanbul (Hybrid)

- Designed a Node.js microservices architecture, containerised with Docker.
- Built the React Native app, optimised PostgreSQL queries and added AWS S3 media storage.
- Integrated an LLM-based chatbot over WebSocket for real-time conversations.

WheelBees — Mobile & Backend Developer

May 2022 - Nov 2023 · Netherlands (Remote)

- Built a complex Flutter app with Google Maps integration and real-time messaging over sockets.
- Co-designed backend APIs for efficient client-server data exchange.

Cats Software — Software Developer

Mar 2022 - Jan 2023 · Balıkesir (On-site)

- Full-cycle development with Flutter and MySQL, focused on clean, reusable code.

Öğrenci Baksana — Junior Developer

Jun 2021 - May 2022 · İstanbul (Remote)

- Startup projects with BLoC state management and Firebase-backed mobile apps.

Selected Projects

- **Pare — open-source token compression for Claude Code.** A Headroom-style tool that cuts wasted context tokens in AI coding sessions; built with Next.js, Supabase and Vercel by a supervised agent team. Basis of a TÜBİTAK 1501 R&D proposal.
- **Internal knowledge archive.** Single-sign-on platform that gathers recorded company knowledge sessions (weekly tech talks, product meetings) scattered across third-party apps into one searchable place (Next.js, Supabase, Vercel).

- **Algorithmic trading bot.** 24/7 bot that turns TradingView indicator signals into automated Binance USDT-M futures orders, with maker-limit entries, trade logging and a backtested strategy (TypeScript, Supabase).

Education

- **B.Sc. Computer Science** — Balıkesir University, 2019 – 2024
- **Erasmus+ Exchange, Computer Science** — Politechnika Częstochowska, Poland, 2023 (6 months)

Additional Information

- **Languages:** Turkish (native), English (B2, professional working proficiency)
- **Military service:** Completed