

TARIK DEVECI

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Software Engineer and final-year Computer Science student with a track record of shipping production systems end-to-end. Co-founded and delivered an AI-powered municipal CRM platform serving 2 municipalities. Experienced across Java/Spring Boot microservices, Django/FastAPI backends, and React/React Native frontends — comfortable owning products from architecture to deployment.

EDUCATION

B.Sc. Software Engineering — Bahçeşehir University

2022 – 2026

Thesis: Fine-tuning SAM3 with QLoRA for automated object detection at construction sites (Hugging Face, PyTorch, PEFT)

WORK EXPERIENCE

Software Engineering Intern, Hepsijet (Hepsiburada)

Jul – Aug 2025

- Implemented features across authentication, package creation, and package-tracking services within a Java Spring Boot microservices codebase — contributing PRs weekly through structured pair programming with senior engineers.
- Operated within Docker-based infrastructure and Jenkins CI/CD pipelines; tracked release health and deployment issues via Datadog.

Co-Founder & Lead Software Developer, MuniGo

Jul 2024 – Mar 2025

- Architected and delivered an AI-powered municipal call-center and CRM platform — serving 2 municipalities, 20+ departments, and 300+ complaint subcategories — as the sole technical co-founder.
- Built a fine-tuned LLM pipeline (GPT API + Django + PostgreSQL) that auto-routes complaints, tracks resolution status, sends follow-up emails, and monitors departmental KPIs.
- Cut speech synthesis costs by ~80% and reduced response latency from 7 s to 1.5 s by migrating from OpenAI TTS to AWS Polly and redesigning the audio pipeline.
- Took the product from zero to production-ready MVP in ~5 months, owning system architecture, infrastructure, and development roadmap.

Junior Full-Stack Developer, AtıkNakit

Apr – Jul 2024

- Reduced REST API response times by 25% across 6 modules by refactoring backend query logic in Node.js + PostgreSQL.
- Rebuilt 5+ application pages in Flutter, improving component architecture and cross-platform UI consistency.

Software Developer, Detay İnovasyon Limited

Apr 2022 – Jan 2023

- Built a React + Node.js carbon-footprint tracking platform processing 1,000+ monthly emission records for 3 industrial clients.
- Redesigned and SEO-optimized the company website, growing peak weekly traffic to 2,000+ views.

KEY PROJECTS

- Octostra** — Decision intelligence platform — 3-layer pipeline (rule engine + scoring + aggregator) surfaces prioritized tasks with explainable, traceable reasons; tag-based assignee recommendations. FastAPI + PostgreSQL + React + Docker. octostra.com
- LifeOS** — Life-management app — Next.js 15, Expo/React Native, Supabase, Zustand; push notifications, mobile widgets, RevenueCat + iyzico payment integration. lifeos.tr
- TÜBİTAK 1831 Panel** — Sustainability project management panel — React + FastAPI, RBAC, role-based reporting, CI/CD-ready deployment for TÜBİTAK reporting workflows.
- PreventA** — Process-safety platform based on HAZOP/LOPA methodology (FastAPI + PostgreSQL) — developed around a validated real-world client need in industrial consulting. In development.

TECHNICAL SKILLS

Languages: Java, Python, TypeScript, JavaScript, SQL, Dart

Backend: Spring Boot, Django, FastAPI, Node.js, REST API, WebSocket, Microservices

Frontend / Mobile: React, Next.js, React Native, Expo, Flutter

Databases: PostgreSQL, MySQL, MongoDB

DevOps & Cloud: Docker, Git, GitHub, Jenkins, CI/CD, AWS, Datadog, Agile, Scrum

AI Integration: GPT API, LLM pipelines, AWS Polly, Hugging Face, QLoRA fine-tuning

Human Languages: Turkish (native) · English (fluent) · Spanish (elementary)

CERTIFICATIONS

Sustainability Management Program (Sustainabilios × Beyond Green, 2026) — ISO 14064, GHG Scope 3, ISO 14067/LCA, ISO 14046, ISO 50001, TSRS/GRI.

Young Executive Academy (2022–2023) — Digital Transformation & Big Data, Entrepreneurship, Finance, E-Commerce, HR.