

Software Developer with 5 years of experience building production-grade web, mobile, and AI-integrated applications using React, React Native, JavaScript, TypeScript, and Python. Currently building frontend systems and an internal AI assistant for enterprise manufacturing and defense-industry production lines at Karel. Delivered frontend solutions for brands including Beymen, Allianz, and Unilever; built React Native applications from scratch and shipped them on App Store and Play Store. Won 1st place in Software at Teknofest and represented Turkey at AUVSI SUAS in the USA.

Technologies and Languages

Languages: JavaScript, TypeScript, Python

Frameworks & Libraries: React, Next.js, React Native, FastAPI, Tailwind CSS, Shopify Restyle, Redux, Legend State, React Query

Services & Real-time: Supabase, Firebase, LiveKit, WebSocket, Locally hosted LLMs

Tools & DevOps: Git, GitHub Actions, GitLab CI/CD, Docker, Expo EAS, App Store Connect, TestFlight, Vercel

Work Experience

Software Developer **Karel** **Mar 2026–Present**
MOM/MES, Warehouse & Inventory, Nokia Line Labeling & Traceability, Enterprise AI Assistant · Frontend-Heavy Full-Stack

- Own frontend development for enterprise manufacturing and defense-industry production-line applications using React and TypeScript, including MOM/MES, warehouse, inventory, and barcode modules.
- Built a labeling and traceability application for Nokia's electronic production lines — prints Nokia's proprietary component labels and tracks parts as they move through the line.
- Develop the React-based interface of an internal AI assistant powered by a locally hosted LLM, plus selected FastAPI backend services; ship via Docker and GitLab CI/CD.

Software Developer **Byterise** **Dec 2024–Jan 2026**
Noor, KapKap Testi, Lora (AI Companion) · React Native

- Built and shipped Noor and Lora using React Native, Expo, and TypeScript; integrated LLM APIs and real-time audio via LiveKit, deployed via EAS Build to App Store and Play Store.
- Designed Supabase-backed auth, real-time sync, and subscription workflows; architected state management with Legend State and React Query across all three products.

Software Developer **Contract** **Jun 2023–Nov 2024**
CoderiApp, Arma Group, Yavuz Industries, Selcup, Yilmazlar · Frontend & React Native

- Built a drag-and-drop scheduling app (CoderiApp) and a mail/cloud storage platform (bul.com.tr) using Next.js, React Native, and Tailwind CSS across web and mobile.
- Increased deployment speed by 30% and improved SEO/load performance by 40% for enterprise clients through modernised build pipelines.

Software Developer **Ekip.co** **May 2022–May 2023**
Fintech Trading Platform & ekip.co · Frontend & React Native

- Developed a high-availability, real-time trading dashboard (Next.js, Tailwind CSS, Chart.js) with low-latency data visualisation for continuous live market monitoring.

Software Developer **Appcent** **Jun 2021–Dec 2021**
Scalable E-Commerce & Admin Platforms · Frontend Development

- Developed e-commerce platforms, admin panels, and analytics dashboards (React.js, Next.js, Tailwind CSS) for enterprise customers including Beymen, Allianz, Unilever, and Unishop.

Education

Bachelor Degree in Management Information Systems, Bartın University, Türkiye **2019–2024**

Certifications

CS50's Intro to Computer Science — Harvard · **Frontend Developer Professional Certificate** — Meta · **React Native Developer Professional Certificate** — Meta · **Developing Front End Apps with React** — edX

Awards and Competitions

Teknofest Electric Vehicle Races — 1st Place, Software (team captain) · **Teknofest Model Rocket Competition** — real-time telemetry (team captain) · **AUVSI SUAS, Maryland, USA** — UAV software (team captain)