

# Berk Limoncu

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## ABOUT ME

Full-stack developer specializing in React, TypeScript, Node.js, and Spring Boot. I build reliable systems for fintech and healthcare, focusing on clean code and practical solutions. Fostered a respectful code review culture in previous teams, contributing to better collaboration and code quality.

## WORK EXPERIENCE

### Freelance Developer

May 2024 – Present

*Private Client & Personal Projects, Berlin, Germany*

Building AI-driven applications, fintech tools, and enterprise web platforms for international clients

- Developed **mobile applications** including Peeka (GenAI photo creation app) and ArmorUp (AI-powered personal coach) using **React Native, Node.js, Firebase, and AWS**
- Built **enterprise platforms** for transportation ERP and supply chain SaaS using **Next.js** with **Java/Spring Boot** backends, containerized with **Docker** for cloud deployment
- Created **automated trading bots** (Mirana, Polywhisper) for Polymarket prediction markets with **Telegram** integration and LLM-based social media analysis for sentiment detection

### Software Engineer

December 2022 – April 2024

*Fibabanka, İstanbul, Türkiye*

Full-stack developer on enterprise banking platform serving **50+ partner clients** including major e-commerce and e-wallet providers (Trendyol, Hepsiburada, Paycell)

- Developed **KYC microservices** using **Spring Boot** and **Java EE**, implementing **REST APIs** with **Kafka** integration and **Redis** caching mechanisms for high-traffic endpoints
- Built **automated batch reporting system** delivering customized financial reports to banking partners, processing **2K+ daily transactions** across multiple client integrations
- Implemented **React/TypeScript frontend features** with custom storage management system, creating client-specific UI components and responsive interfaces
- Established **CI/CD pipelines** with Docker containerization for reliable production deployments

### Solution Consultant

December 2021 – April 2022

*Turkcell, İstanbul, Türkiye*

Supported government health monitoring app (Güvende Kal) for **Ministry of Health** during COVID-19, managing data for **10K+ patient monitoring**

- Managed MySQL operations ensuring **99.9% data accuracy** across **50K+ daily records**
- Resolved critical data issues through direct **DB manipulation**, maintaining **zero data loss** in 24/7 operations
- Partnered with **Ministry of Health** stakeholders on mission-critical public health operations
- Ensured backend integration reliability for real-time monitoring across healthcare facilities

- Developed internal tools for **250+ employees**, improving operational efficiency
- Built **full-stack car pooling application** using **.NET/Blazor**, implementing CRUD operations to facilitate **100+ daily vehicle bookings** for company employees
  - Enhanced **load balancer** for microservices architecture, optimizing service distribution and improving system uptime
  - Contributed to internal tooling development, reducing manual data entry processes

EDUCATION

MSc Software Engineering

University of Europe for Applied Sciences, Potsdam, Germany

March 2024 – February 2025

**Thesis:** Scalable Analyzer – Compared microservice and monolith architectures based on key performance metrics using Java, Spring Boot, Prometheus, and Apache JMeter

**Coursework:** ML, Deep Learning/GenAI, Pattern Recognition, Cloud Computing, Software Security

BSc Computer Engineering

Middle East Technical University, Ankara, Türkiye

September 2016 – September 2022

**Senior Project:** Built a web complexity analyzer using Node.js, Python/Flask, and Selenium that crawls sites by depth, scores pages via custom metrics, and visualizes results

**Coursework:** Algorithms, Data Structures, OS, Networks, Databases, AI, Computer Vision, Embedded Systems

SKILLS

Languages:	TypeScript, Java, Go, Python, Rust
Frontend:	React, React Native, Next.js
Backend:	Node.js, Express, Spring Boot, Anchor
Databases:	MySQL, MSSQL, PostgreSQL, MongoDB, Redis
Cloud:	AWS, GCP, Firebase, Docker, CI/CD
Other:	Git, Linux

LANGUAGES

**Turkish:** Native

**English:** Proficient (C1)

**German:** Basic (A1)