



Azim Haffar

Software Engineering Student | Backend Engineering · Java & Spring Boot

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Summary

Final-year Software Engineering student building backend services in Java 21 / Spring Boot, with hands-on PostgreSQL, Kafka, REST API design, and automated integration testing. Shipped production software commercially as a freelance developer, owning requirements through deployment. Available from October 2026 for a 3–12 month internship; open to relocation.

Skills

⚡ Backend

Java 21, Spring Boot, Spring Data JPA, Hibernate, REST API design, Python, FastAPI

⚡ Testing

JUnit, Mockito, Testcontainers, integration testing

⚡ Frontend

React, TypeScript

⚡ Data & Messaging

PostgreSQL, Redis, Apache Kafka, Supabase

⚡ Cloud & DevOps

Docker, Docker Compose, GitHub Actions, CI/CD pipelines, Linux, Git, AWS (fundamentals)

Projects

OrderFlow

Event-Driven Order Processing System · github.com/azim-haffar/OrderFlow

- Designed and built a distributed order-processing backend using Kafka (KRaft) for asynchronous event flow between services, backed by PostgreSQL and Redis.
- Containerized the full stack with Docker and Docker Compose for reproducible local and CI environments.
- Wrote an integration test suite using Testcontainers, spinning up real Kafka and PostgreSQL instances per test run rather than mocks.
- Implemented RFC 7807 problem details error handling and bilingual technical documentation (EN/DE).

Stack: Java 21 · Spring Boot 3 · Kafka · PostgreSQL · Redis · Docker · Testcontainers · JUnit

HireLens

Full-Stack AI Recruitment Tool · github.com/azim-haffar/HireLens

- Built a RAG pipeline handling document ingestion, embedding, retrieval, and structured output generation over LLM APIs.
- Developed a FastAPI backend and React/TypeScript frontend with OAuth authentication and Supabase persistence.
- Containerized with Docker and automated build/deploy through GitHub Actions to a live public deployment (Render + Vercel).
- Supports five interface languages (EN, DE, DK, ES, TR).

Stack: Python · FastAPI · React · TypeScript · LangChain · Supabase · Docker · GitHub Actions

Experience

Kvote 2 Hjælperen

Freelance Software Developer

Remote

02/2026 – 04/2026

- Built and shipped a Python tool integrating LLM APIs with dynamic prompt-generation workflows for a paying client.
- Designed inference pipelines using prompt chaining and evaluation logic to keep output consistent across varied inputs.
- Owned the full cycle: requirements, architecture, implementation, testing, and delivery.

Education

OSTİM Technical University

Software Engineering

Bachelor's Degree

Ankara, Türkiye · 10/2022 – 02/2028

Relevant coursework: Analysis of Algorithms · System Programming · Generative Artificial Intelligence · Data Mining · Object-Oriented Programming

Languages

English

C1

German

B1 (Goethe-certified)

Turkish

Native

Arabic

Native