

Erim Cerrahoglu — Software Engineer

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SUMMARY

Software Engineer with 5 years of professional experience in backend, frontend, and full-stack development. Skilled in building scalable microservices with Java (Spring Boot, JakartaEE and Quarkus) and Python (FastAPI), as well as modern frontends with React, NextJS and Angular. Experienced in REST API design, CI/CD, cloud-native systems and delivering production-ready features in Agile teams.

SKILLS

Backend: Java (Spring Boot, Quarkus, Jakarta EE), Python (FastAPI), NodeJS

Frontend: React, NextJS, Angular, TypeScript/JavaScript, TailwindCSS, ShadCN, AceternityUI

Databases: PostgreSQL, MySQL, Oracle, MSSQL

Cloud & DevOps: AWS (SQS, EventBridge), Docker, Kubernetes, GitHub Actions, Jenkins, Linux

Testing & Quality: JUnit, PyTest, Robot Framework, Playwright, Puppeteer, Selenium, REST Assured

Collaboration: Agile (Scrum/Kanban), JIRA, Confluence, GitHub/GitLab, Bitbucket

EXPERIENCE

Software Engineer | Sqills | Nov 2024 – Present

- Developed backend features in Java (Jakarta EE, Quarkus) for microservices, including REST API design and service-to-service communication.
- Built API integrations and automated workflows into GitHub Actions CI/CD pipelines.
- Contributed to event-driven systems, developing a reusable integration validation library for AWS EventBridge → SQS flows.
- Partnered with cross-functional teams in Agile sprints to deliver new functionality with high reliability.

Software Engineer | Betsson Group | Apr 2023 – Nov 2024

- Delivered features and bug fixes in Angular micro-frontend architecture, improving stability and user experience.
- Migrated frontend tooling from Puppeteer to Playwright, cutting build time and reducing flakiness.
- Contributed actively to company GitHub repos (56% of feature commits, 44% of reviews), mentoring juniors and improving code quality.
- Collaborated in an Agile (Scrum) environment, boosting team velocity through automation and tooling improvements.

Junior Software Engineer | Amadeus IT Services | Jul 2021 – Mar 2023

- Built backend services with Spring Boot + REST APIs, supporting booking and loyalty workflows.
- Designed an internal API integration tool (Python + Robot Framework) to improve backend coverage and speed up service validation (40% faster runs).
- Containerized development environments with Docker, streamlining developer onboarding and deployment cycles.
- Integrated backend services and validation suites into Jenkins pipelines, reducing deployment delays by 30%.

EDUCATION & CERTIFICATES

Yeditepe University — B.Sc. Computer Engineering | 2018 – 2022

PROJECTS

TalentGate (ATS Platform) — Next.js, FastAPI, PostgreSQL, Docker

- Full-stack SaaS applicant tracking system providing pipelines, job posting, and auto-generated careers pages.
- Frontend built with Next.js + TailwindCSS + ShadCN; backend with FastAPI + PostgreSQL.

Personal Portfolio — Next.js, React, TailwindCSS, ShadCN

- Responsive portfolio site with SSR, achieving 90%+ Lighthouse scores and 100% SEO.

Event-Driven Integration Library — Java, JUnit, REST Assured, AWS SDK

- Library to validate EventBridge → SQS flows in microservice environments; reusable across projects.

Disney+ Clone — Next.js, NextAuth, TMDB API

- Full-stack clone with authentication and API integration; scored 85%+ Lighthouse across SEO/performance.

Student Evaluation Tool (MÜDEK) — Python, Pandas, NumPy, PySimpleGUI

- Desktop app for processing academic Excel data; automated workflows using Pandas + NumPy.