Stelut Grigore Tomoiaga

DevEngineer

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Software

Languages & frameworks

Java, with SpringBoot, Swing, Tomcats, Python with FastAPI & Django. TS & JS, (React, React Native), SQL (MySQL, PostgreSQL), HTML, CSS, (Tailwind, Bootstrap).

Architecture & Others

- MVC, REST, EDA, LGTM
- Docker, Redis, Git, SVN, JSON, SOAP
- Amazon Web Services (AWS)
- Google Cloud Platform (GCP)

Personal profile

I am a software engineer specializing in the development of multi-platform applications with different architectures and patterns.
I consider myself a pleasant, decisive, proactive person who enjoys working in a team.

Work Experience

VAPG Group
Alicante
feb. 2024 - Today

Development and maintenance of React Native projects (incorporating push notifications, 100% offline mode, intuitive design, etc.), incorporating React + Vite as a replacement for legacy Java + Swing on desktop. Maintenance and evolution according to backend conventions such as Django v.6 and incorporation of Fastapi to replace Java in Swing. Experience in (Tomcat/Java + Swing) with Mysql and PostgreSQL databases. Redis for queues. Developed an Nginx as a Reverse Proxy with Lua for custom executions together with fail2ban.

Migrated part of the infrastructure to dockers, incorporated a wiki into process management and process documentation. Incorporated version control (Git) into the main Java + Swing source code. Incorporated cloud services such as S3, AWS Workmail, among others.

Logs and metrics with Loki, Prometheus, and Grafana. Networks and infrastructure with Linux (Ubuntu, Debian), implemented CI+CD in repositories. Unit testing in Django v.6 and Fastapi for break control, scalable and readable code, easy to transport.

Currently migrating the ERP and CRM project (Java + Swing) in RDP environments to a Fastapi + React project according to current development and scalability conventions. Integration of AI in analysis processes with MCP and on-premise models with ChromDB persistent memory with embeddings.

Indra - Minsait
Valencia Center - Remote work
nov. 2022 - oct. 2023 · 1 year

I developed a REST application with microservices architecture based on Spring Boot (Java) together with Bootstrap and Thymeleaf, as well as JS, HTML, and CSS for front-end design. This application had connection and execution functionalities through Spring Security, JPA, and JDBC, and was built using Hibernate and Maven. Database with MSSQL, experience in Tomcats, and version control with SVN. In addition to maintenance through logs, debugging, and documentation of legacy repositories in Java 1.2.

Studies

Universidad de Valencia
Degree Philosophy (2019)

- I have learned logic, critical thinking, text analysis, and the evolution of human thought in different eras and cultures.

I.E.S. Jaume II el Just
Higher Degree in Multiplatform Application Development. (2020-2022)

- I have learned to develop cross-platform applications with database access using standard languages, libraries, and tools.
- My studies have focused mainly on pure Java, JavaScript, Python, and SQL technologies, without frameworks.

ReactJS Bootcamp
Single Web App deploy (2023)

- I developed a simple web application with React in JSX using the TMDB API that allows you to search for your favorite movies, with authentication and deployed on AWS.

Continuing education with documentation.