Davit Maisuradze

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Professional Summary

Java Developer with expertise in building scalable applications using Spring and Spring Boot, focused on RESTful APIs and microservices architecture. Skilled in Hibernate for data persistence and AWS integration. Proven ability to deliver full-stack projects and mentor students in Java programming.

Experience

Quantori   Remote
Python Cloud Architect   October 2025 – Present
- I completed an internship at Quantori, where I helped build a cheminformatics QSAR application for research labs and attended technical lectures that significantly expanded my knowledge.

MZIURI   Remote
Java Teacher   September 2023 – Present
- Instructed Java programming to 11 schoolchildren, enhancing their foundational skills with hands-on projects, which led students to independently develop basic applications within a few months.

EPAM Systems   Remote
Junior Java Developer   July 2024 – October 2024
- Built a serverless gym management app using AWS Lambda, API Gateway, DynamoDB, and Cognito for secure, scalable operations.

Projects

QSAR Application
- Built a full-stack cheminformatics QSAR platform for research labs: FastAPI backend with RDKit for molecular analysis and descriptor generation, plus a React frontend for dataset/model workflows.
- Implemented ML model training pipelines and Celery background jobs, and set up CI/CD to automate tests, builds, and deployments.

Gym Management Application (Serverless)
- Developed a serverless gym management application using AWS Lambda, API Gateway, and DynamoDB for scalable backend execution and data storage.
- Integrated AWS Cognito for secure user authentication, ensuring high performance, security, and streamlined access control.

University Management System
- Developed a University Management System using the Spring framework, enhancing user experience for students, lecturers, and department heads with customized features and distinct interfaces
- Implemented front-end functionality with HTML, CSS, and Thymeleaf for seamless Java integration

Technical Skills

- **Java Development:** Java SE/EE, Spring Framework, Spring Boot, Spring security, Maven, JUnit, Mockito REST, Microservices
- **Python Development:** Core Python, FastAPI, Pandas, NumPy, Pytest
- **Web Development:** HTML, CSS, JavaScript, React, Thymeleaf, HTTP, Tomcat, JSON, XML
- **Cloud Computing:** AWS (EC2, S3, Lambda, IAM, VPC), Serverless architecture, AWS Syndicate, Docker, Containerization
- **Version Control:** Git, GitHub, GitLab
- **Database Management:** MySQL, PostgreSQL, MongoDB, DynamoDB, JDBC, JPA, Hibernate

Education

Kutaisi International University   Kutaisi, Georgia
Bachelor of Computer Science   September 2022 – July 2026