Aleksa Stajić

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EDUCATION

B.S. in Software and Data Engineering
Singidunum University - Expected June 2026

- Relevant coursework: Data Structures & Algorithms, Object-Oriented Programming, Databases (SQL/NoSQL), Operating Systems, Software Testing, Web Programming, Computer Networks

PROJECTS

Banking Ledger API (Java, Spring Boot, PostgreSQL)
- Built double-entry ledger with idempotent writes and reversal support.
- Validated correctness under retries/races with integration tests (Docker / Testcontainers).

Lite ERP Backend (Java, Spring Boot, PostgreSQL)
- Modeled inventory as append-only stock movements and implemented order stock checks.
- Prevented oversells with concurrency tests; included OpenAPI demo for quick review.

Task Manager - Fullstack (Spring Boot, React, Docker)
- Built a task manager with JWT auth, teams, and task lifecycle management.
- End-to-end smoke tests with Playwright and a Docker Compose dev stack

CERTIFICATIONS

- Programming in C# – Basic, CET (Computer Equipment and Trade), July 2018
- Programming in C# – Advanced, CET (Computer Equipment and Trade), August 2018
- IBM Academic Initiative – Essentials of Rational Software Architect, November 2022
- IBM Academic Initiative – InfoSphere Warehouse, September 2025

TECHNICAL SKILLS

- Languages: Java, Python, JavaScript, TypeScript, C#
- Frameworks: Spring Boot, React, JPA / Hibernate, Spring Security, Angular
- Databases: PostgreSQL, MySQL, MongoDB, Neo4j
- Tools: Git, GitHub, REST APIs, Docker, Docker Compose, Postman, OpenAPI
- Testing: JUnit, Testcontainers, Playwright
- Operating Systems: Windows, Linux (Ubuntu)