

Aleksa Stajić

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EDUCATION

B.S. Software and Data Engineering

Singidunum University - Expected 2026

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

PROJECTS

Webhook Processor (Python, FastAPI, PostgreSQL, Redis, Docker)

github.com/aleksastajic/webhook-processor

- Built a webhook ingestion service with validation, idempotency, routing, and retryable background processing.
- Delivered a reproducible local environment with Docker Compose and documented quickstart + curl demos to verify behavior.

Lite ERP Backend (Java, Spring Boot, PostgreSQL)

github.com/aleksastajic/lite-erp-backend

- Implemented products, orders, and inventory tracking with an audit-trail approach (append-only stock movements).
- Added transactional stock checks with integration tests to prevent oversells; exposed OpenAPI for review.

Task Manager - Fullstack (Spring Boot, React, Docker)

github.com/aleksastajic/spring-react-task-manager

- 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.

TECHNICAL SKILLS

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

CERTIFICATIONS

- IBM Academic Initiative – Essentials of Rational Software Architect, November 2022
- IBM Academic Initiative – InfoSphere Warehouse, September 2025