

SHAKED LERER

Software Engineer | Java · Spring Boot · Microservices · Kafka

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SUMMARY

Backend software engineer with 5 years at Amdocs designing, owning, and scaling high-throughput Java/Spring Boot microservices. Delivers reliable, event-driven systems end-to-end, from design through CI/CD regression to production. Proven impact: cut API processing time ~40%, shortened regression runs ~50%, and closed production issues at ~95% SLA adherence.

EXPERIENCE

Amdocs - Software Engineer

2021 - Present

- Own Java/Spring Boot microservices within a large-scale platform, taking technical accountability for design, quality, and production support.
- Re-architected a data-intensive processing flow using pagination (pages/offsets), asynchronous calls, and Kafka event streaming — improving throughput and making regression runs more stable.
- Extracted a reusable shared library adopted across multiple services to standardize pagination, async, and Kafka handling, reducing duplicated code and accelerating delivery.
- Ship features and enhancements end-to-end through CI/CD — from design and implementation through regression testing to release.
- Keep production healthy with root-cause analysis on critical issues, closing production work at ~95% SLA adherence; introduced test/regression automation that cut manual testing effort and improved pipeline stability.
- Mentored and onboarded new engineers and served as a regular peer reviewer, raising code quality and consistency across the team.

EARLIER PROJECTS

- **Encryption Device Driver (C, Linux):** Linux kernel module managing devices with an encrypted buffer using multithreading.
- **IVE Smart Assistant App (Java, Android, Firebase):** location-based mobile app scheduling daily user tasks on a Firebase backend.
- **Garage Management System (C#, OOP, Design Patterns):** automated inventory control from statistical forecasting and KPIs.

EDUCATION

The Academic College of Tel-Aviv Yaffo - B.Sc. in Computer Science, 2017-2021. Coursework: OOP (C# 96%, C++ 89%), Database Systems (100%), Computer Communications (94%).

MILITARY EXPERIENCE

Israel Defense Forces - System & Network Administrator / IT Manager, 2012-2015. Resolved hardware/software failures within SLAs; completed Information Security and System Administration courses (Mamram). Tank gunner (2012-2014), graduated top of class.

SKILLS

Languages: Java, Python, C#, C++, C, JavaScript, SQL

Frameworks & Libraries: Spring Boot, Node.js, React, Django, Flask

Infrastructure & Tools: Apache Kafka, Docker, CI/CD, Git, PostgreSQL, MongoDB, MySQL, Linux, Kubernetes

Practices: Microservices, Event-Driven Architecture, REST API design, Regression/Test Automation, Code Review, OOP, Multithreading