

Alexander Kaminsky

Software Engineer | QA | DevOps | Full-Stack

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Professional Summary

Software engineer with practical experience across full-stack development, quality assurance (manual & automation), and DevOps. Proficient in Java/Spring Boot and microservices; hands-on with CI/CD, containers, and cloud deployment (AWS, GCP). Strong hardware/electronics background and mission-critical environment experience (IDF). Eager to contribute in development, QA, or DevOps roles.

Core Skills

- **Languages:** Java, Kotlin, Python, C, C++, SQL
 - **Frameworks:** Spring Boot (MVC, WebFlux, Data JPA, Security), Thymeleaf; Microservices; RSocket; OpenAPI
 - **Web & APIs:** RESTful APIs, JSON, HTML, CSS
 - **Testing & QA:** Selenium WebDriver, REST-Assured, JUnit, TestNG, Postman, Test strategy, Manual testing
 - **DevOps & CI/CD:** Docker, Git, Bitbucket, Maven, Jenkins, CI/CD pipelines
 - **Databases:** PostgreSQL, MySQL, Redis, H2
 - **Cloud:** AWS, Google Cloud Platform (basic deployment)
 - **Other:** Spring AI, GraalVM
 - **Methodologies:** Agile, Scrum
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Experience

Freelance Software Developer · 2023–2025

- Designed and implemented backend APIs for small-scale clients and personal projects.
- Built automated QA suites (REST-Assured, Selenium) to validate services and UI flows.
- Delivered working MVPs; set up DevOps pipelines (Docker, GitHub/Bitbucket CI) for build, test, and deploy.
- Collaborated remotely under tight timelines; monitored and iterated on production behavior.

Network & Infrastructure Technician — Weizmann Institute of Science · 2020–2021

- Supported office network infrastructure: structured cabling and hardware installations.
- Assisted with diagnostics and troubleshooting using physical and logical tools.

- Gained hands-on exposure to switches/routers and networking best practices (IP, VLANs).
- Coordinated with IT teams to maintain secure, stable connectivity.

Radar Systems Technician — IDF Air Force · 2017–2020

- Maintained and repaired mission-critical radar systems across multiple airbases.
 - Operated under strict military protocols; held high-level security classification.
 - Performed preventive diagnostics of complex electronic subsystems.
 - Authored repair documentation and mentored new technicians to improve readiness.
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Projects

- **Embedded/Arduino Projects:** Built sensor-driven systems with displays and communication modules; performed electronics testing, soldering, and troubleshooting.
 - **Selected Software Projects:** See GitHub profile for live repositories and demos.
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Education

B.Sc., Software Engineering — Afeka College of Engineering, Tel Aviv

Specialization: Software Technology & Information Systems. Relevant coursework: Data Structures, Web Development, Algorithms, OS, Networks, OOP, QA & Testing.

Practical Electronics Engineer — IAF Technological College, Tel Aviv

Languages

- **English:** Fluent
 - **Hebrew:** Fluent
 - **Russian:** Fluent
 - **Ukrainian:** Intermediate
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Military Service

IDF Air Force — Radar Systems Technician (2017–2020); high security clearance.

Links

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