ARI OZ
Junior Software Engineer

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SUMMARY

Junior Software Engineer with hands-on experience in backend development, automation, and cloud-based systems. Skilled in Java, C++, and Python, with a strong foundation in software design and system.

WORK EXPERIENCE

Instructor (Mentor) – Impact Scholarship Program | 2023–Present

- Mentored high school students in C++ and Object-Oriented Programming (OOP), improving their coding and problem-solving skills.
- Provided technical guidance and personal support, fostering confidence and communication among participants.

Automation Platform – HaOgen For Reservist Families | Nov 2025–Present

- Developed and maintained automation workflows using Monday.com, Make (Integromat), and Smoove to enhance internal efficiency.
- Implemented notification systems and integrations across platforms to streamline communication and task management.

PROJECTS

Student Management System | Java, Spring Boot, AWS | 2024

- Built a backend system for managing student profiles and grades with full CRUD functionality.
- Integrated AWS S3 for secure image storage, gaining practical experience with cloud infrastructure and RESTful APIs.

Shortener (TinyURL Clone) | Redis, Cassandra, MongoDB | 2024

- Engineered a scalable URL-shortening platform using a hybrid database approach.
- Focused on high availability and performance using modern database technologies.

EDUCATION

**Jerusalem College of Technology (JCT), Jerusalem | B.Sc. in Computer Science
(Degree requirements completed, graduation March 2026)**

- Courses: Data Structures, Algorithms, Software Engineering, Operating Systems, Databases, Computer Architecture.
- Hands-on projects in Python, C++, and Java.
- Experienced with complexity analysis, backend systems, cloud integration, and database systems using SQL, PostgreSQL, and MongoDB.

SKILLS

- Programming Languages: C++, Python, Java, JavaScript, SQL, HTML, CSS.
- Technologies & Tools: Azure, Spring Boot, PostgreSQL, MongoDB, Docker, AWS S3, Git/GitHub, IntelliJ, PyCharm,DevTools,Postman.
- Workflow & Automation Tools: Monday.com, Make (Integromat), Smoove, Jira, Trello, Microsoft Project.
- Languages: Hebrew (Native), Spanish (Native), English (High Proficiency).