Ori Yair Yaakov

Software Engineer

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ABOUT

Detail-oriented Computer Science graduate with strong foundations in software development and backend engineering. Passionate about building secure and scalable backend services, optimizing infrastructure, and improving deployment efficiency. Winner of a university hackathon, demonstrating creativity, teamwork, and the ability to perform under pressure. Eager to contribute to innovative and fast-paced environments while continuously growing as a backend developer.

SKILLS

- **Programming Languages:** Java, Python, C++, C, SQL, JavaScript
- **Frameworks & Tools:** Flask, Pytest, Docker
- **Version Control & CI/CD:** Git, GitHub Actions, Jenkins
- **Systems & Infrastructure:** Linux, Docker, Ansible, Networking
- **Software Engineering:** OOP, Design Patterns, Data Structures, Algorithms, APIs

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EXPERIENCE

Student Tutor   **Jan 2024 — Present**

- Delivered personalized tutoring in C++, Python, Java, and SQL to university students.
- Supported students in backend/web development fundamentals.
- Developed lesson plans and improved students' algorithmic thinking.

Team Manager – Solar Panel Installation   **Aug 2022 – Mar 2024**

- Led cross-functional teams and coordinated technical projects in renewable energy systems.
- Designed workflows and monitored system operations, ensuring project delivery on schedule.
- Developed organizational and problem-solving skills applicable to technical environments.

EDUCATION

Computer Science - Ariel University

B.Sc. in Computer Science | GPA: 91 | Dean's List | 2025

Technical Projects:

- Flight Management System – Designed and implemented a scheduling system in Java, focusing on data structures and algorithms for efficiency.
- Viking Chess – Developed a strategy game in C++ with object-oriented design and modular architecture.
- Musical Chairs – Won the university hackathon by building an operationally oriented system for the Israeli Air Force, demonstrating teamwork, innovation, and problem-solving.

Military Service
IDF – Givati Brigade | Platoon Commander & Certificate of Excellence Awardee

Languages
Hebrew – Native | English – Proficient