Elad Gelerenter

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Summary

Software Engineer and **B.Sc. graduate** with a focus on **Full Stack** and **Backend development**. Experienced in building end-to-end applications using **Python**, **JavaScript**, and **Java**. Passionate about **Clean Code**, deep **debugging**, and **automation**. Skilled at working in **Agile** environments and managing the full software lifecycle from **database design** to **CI/CD deployment**.

Education

B.Sc. in Software Engineering | SCE | 2021 - 2025

- **Total GPA: 85**
- Relevant Coursework: **Object-Oriented Programming** (**OOP**), **Algorithms**, **Data Structures**, Java, Python.

Skills

- **Programming & Frameworks: Python (FastAPI/Pytest)**, **Java**, **Node.js**, **Express**, **React**, **Angular**, **TypeScript**, **C#**, **C++**, **SQL (PostgreSQL)**, **NoSQL (MongoDB)**.
- **DevOps & Tools: CI/CD**, **GitHub Actions**, **Docker**, **AWS EC2**, **CircleCI**, **Git**, **Jira**, **Postman**, **Kubernetes**, **REST APIs**.
- **Languages: Hebrew** (Native), **English** (Professional).

Experience

Junior Software Engineer | L.M Contractors | 2026 - Present

- **Developing** and **maintaining** internal tools and **automation scripts** using **Python** to improve data accuracy.
- **Managing** navigation and control systems, including the integration of hardware and software components.
- **Building** real-time **dashboards** for data analysis and measurement validation.
- **Implementing AI-driven prototypes** to solve technical bottlenecks and improve field-to-office workflows.
- **Overseeing** end-to-end project updates and technical reviews with external suppliers.

Projects

- **PawPal Network:** Developed a full-stack social platform using **Node.js**, **Express**, and **MongoDB** with **JWT authentication** and **CI/CD pipelines** via **GitHub Actions**.
- **Error Translator:** Built a full-stack **AI-powered** debugging assistant using **React**, **TypeScript**, and **FastAPI** to analyze programming errors via Gemini AI, with **Docker** containerization and **CI/CD pipelines**.
- **VertiClean:** Engineered a VR therapeutic system using **Unity** and **C#** with a **modular architecture** to simulate real-world height scenarios for medical use.