

Gal Amar

galamar22@gmail.com | 050-5429-789 | [LinkedIn](#) | [GitHub](#) | [CV website](#)

Software Engineering (B.Sc.) | Searching for junior role

- Collaborated with cross-functional teams in a **CI/CD environment**, ensuring smooth integration and deployment workflows.
- Designed and developed **web applications** using **React (JavaScript)**, **HTML**, and **CSS**, with a backend implemented in **Python (FastAPI)**, delivering scalable and user-centric solutions.
- Gained hands-on experience in **Object-Oriented Programming (OOP)** principles and design patterns, including **polymorphism**, **inheritance**, and **abstraction**, to build maintainable and efficient systems.
- Conducted **software design** by identifying and analyzing customer requirements, creating comprehensive UML diagrams (Use Case, Activity, Class, and Sequence) to ensure clear and effective system architecture.

Experience:

Full Stack Developer

Skai – August 2024 – December 2024

- Developed and deployed **end-to-end features** aligned with product specifications, ensuring seamless user experiences.
- Collaborated with cross-functional teams to troubleshoot and resolve complex **full-stack issues**, ensuring optimal system performance.
- Developed and maintained multiple **microservices** for both frontend and backend, ensuring seamless integration and communication between systems. Adapted to changes across services by implementing updates on both sides and maintaining continuous delivery pipelines (**CI/CD**) to ensure uninterrupted workflows.
- Designed and implemented unit, API, and integration tests using **JUnit**, **Karate**, and **Cucumber** to ensure robustness and stable system interactions.

Education:

BSc in Computer Software Engineering at | GPA 85

Braude College – 2019 – 2024

- **2023 – 2024 – “Safe Plane” Capstone Project:** [Project GitHub](#) [Demo GitHub](#) [Demo-Web](#)
Built a **vacation schedule generator** using React for the frontend and FastAPI with MongoDB for the backend. Designed the architecture, integrated external APIs (OpenAI, Azure Maps), and created a user-friendly interface. Gained proficiency in **React**, **HTML/CSS**, and **prompt engineering** for ChatGPT.
- **2023 – Flower Shop – “Zerli” Project:** [GitHub](#)
Developed a **Java-based web application** with JavaFX and CSS for a flower shop, using client-server architecture and database management. Gained experience in **teamwork**, **client requirement analysis**, **agile Scrum methodology**, and **project planning** with diagrams and timelines.

Skills: JAVA, C, JavaScript, Python, HTML, CSS, React, SQL, MongoDB, Agile Scrum Methodology, Multithreading.

Environments & Tools: GitHub, Jenkins | DB: MySQL Workbench, MongoDB Compass | VS, VS code, Eclipse, JetBrains: IntelliJ, WebStorm, DataGrip | Docker | Microsoft Office.

Accomplishments:

2024: 2nd Place - Hackathon at Skai

Designed and implemented an **AI-powered feature** to generate budget plans for Skai users, achieving **2nd place** in a company-wide competition against **30 teams** of developers, QA engineers, and product engineers

2022: 2nd Place - Hackathon for the Elderly Issued by Joint Eshel

Designed a device to assist older individuals with back issues, winning 2nd place out of 50 groups.

Volunteering:

2022-2024: Perach: Supporting and tutoring children with social challenges, offering guidance in both academic and social areas, enhancing their strengths, and providing mental and academic support.

Languages:

English – Advanced | **Hebrew** – Native

