Gal Amar

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Software Engineering (B.Sc.) | Searching for junior full-stack developer role

Recent Computer Software Engineering graduate with hands-on experience in full-stack development. Proficient in React (JS), Java, and MySQL, gained through practical work at Skai. I bring a strong sense of responsibility, and a passion for **learning** and **contributing** to impactful projects. Eager to **further develop my skills**.

- Designed and developed **web applications** using **React (JavaScript)**, **HTML**, and **CSS**, with a backend implemented in **Python (FastAPI)**, delivering user-centric solutions.
- Gained practical experience in **Object-Oriented Programming** (OOP) principles, including encapsulation, inheritance, polymorphism, and abstraction, to build efficient and maintainable systems.
- Conducted **software design** by identifying and analyzing customer requirements, and creating comprehensive UML diagrams (Use Case, Activity, Class, and Sequence) to ensure clear and effective system architecture.

Experience:
Full Stack Developer
Skai – August 2024 – Today

- Developed and deployed **end-to-end features** based on product spec, ensuring seamless user experiences.
- Worked with cross-functional teams in a **CI/CD** environment to ensure seamless integration and deployment.
- Developed and maintained multiple **microservices**, ensuring seamless integration and communication between frontend and backend systems.
- 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: Mentored children with social challenges, providing schoolwork support and encouraging personal growth.

Languages:
English – Advanced **| Hebrew** – Native

Additional Information: Recommendations will be accepted upon request.