

Yossi Elgazari - Junior Software Developer

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Soon-to-be Software Engineering graduate with a strong foundation in backend development, full-stack capabilities and a growing interest in frontend. I bring a proactive learning approach, with hands-on experience in modern development technologies and methodologies.

Professional Experience

Backend Developer Intern | Bridgify | August 2023 – October 2023 (Ended due to reserve duty)

- Maintained backend systems using Python (Requests, Pandas) and integrated APIs.
- Wrote **clean, efficient, and well-documented** code to enhance system functionality.

Projects

Final Project: AI Model for Detecting Obfuscated Code

Developed with a peer an **AI model** to detect file obfuscation and identify the obfuscator used. (**Python**) Utilized **RF, GB, and SVM** models, achieved high accuracy (~97.30%) in classifying obfuscated files using **sklearn** and **NumPy** in an **Ubuntu** environment.

Personal Project: 'PixelPals': Social Media App for Gamers

Designed and implemented from scratch a social media app for gamers using **React Native, CSS, Expo** (frontend) and **Node.js, Express, MongoDB** (backend). Integrated **JWT** for session management and **OAuth** for Google Sign-In. Tested using **Android Studio** Emulator.

Project Management Course: 'Bump' Web Application

Built a social website with a team of six, following **agile** methodology. Frontend technologies included **JavaScript, HTML, Vue.js, and CSS**. Backend was developed using **Node.js, Express, and MongoDB**.

Education

B.Sc. in Software Engineering | Sami Shamoon College of Engineering | 2020 – 2024 (Expected) | GPA: 88

- Gained knowledge in **object-oriented programming, design patterns, and data structures**.
- Experienced with **Git, TDD, Jira, Confluence, Agile** methodologies.
- understanding of machine learning/deep learning and decision-making algorithm.
- Specialization in **cybersecurity** with hands-on experience in Kali Linux.

Areas of Expertise

Professional Skills Backend Development, API Integration, Agile Methodologies, TDD, Machine Learning, Problem Solving, Team Collaboration

Technical Skills Programming Languages: C, C++, C#, Python, Java
Web Technologies: HTML5, CSS3, JavaScript, TypeScript, Vue.js, ReactJS
CI/CD and Cloud Infrastructure: GitHub Actions, Docker
Database Systems: PostgreSQL, MongoDB, NoSQL
Art Creation: Photoshop, Cinema4D, Figma

Military Service

Border Fighter | Military Police | Israel Defense Force (IDF) | 2016 – 2019

- Completed a commander's course, Supervised and managed a security checkpoint at Jerusalem borders, ensuring safety and efficiency.

Languages: Hebrew – Native, English – Fluent.