**[](https://github.com/Majd-Zbedat?tab=repositories)[](https://www.linkedin.com/in/majd-zbedat-0abb0b210/)*Majd Zbadat*** 052-2875309 | [zbedat.majd2000@gmail.com](mailto:zbedat.majd2000@gmail.com) |

* **Full Stack Developer, B.Sc. with experience in software development (backend and frontend) and OOP principles**
* **Gather requirements, design, and develop server and client-side, ensure product optimization and maintenance**
* **Strong technical knowledge, analytical thinker with a broad perspective, leadership and mentoring skills, high planning and executing skills, team player with a ‘can-do-approach’ and great personal skills**

**Education:**

* **B.Sc. in Software Engineering, Ort Brauda Academic College of Engineering**, 2020-2024

**Key Courses**: Operating Systems, Real-Time Systems, Data Structures, Algorithms, Databases (SQL), OOP (Java), Assembly, Networks, Python, C/C++

**Final Project:**

* **Develop a full-stack project**, receive requirements, and design a Python based software within timelines and goals
* **Build an AI system** for fire detection and spread prediction, work with YOLOv5 and CNN, and integrate real-time environmental data to improve prediction accuracy
* **Conduct in-depth** pre-development research, and develop backend and frontend solutions using Python and PyQt

**Software Engineering Project:**

* **Lead and develop** a Java-based application for managing nurseries, including purchasing & payment processes
* **Implement server-client architecture** using advanced technologies - MySQL, Eclipse and Scene Builder
* **Lead a team**- distribute tasks, conduct code reviews, provide mentoring, and ensure timeline & goals (Scrum)
* **Python Course, SolarFlare Collaboration**, 2024:
* **Develop a complex system** for managing bank financial transactions, accounts, and loans
* **Apply advanced backend** **methodologies** to ensure reliability and scalability- Python and Django
* **Complete the course successfully, and receive the MindoLife internship program**

**Professional Experience:**

2024-Present: **Backend Developer, MindoLife**

* **Develop features**, **maintain and optimize the Log system**, using Python, Django, and PostgreSQL
* **Write clean and efficient code**, implement AI-based tools for error detection, and prevent real-time issues
* **Drive significant improvements** in the company's management system, enhance customer experience
* **Use Swagger for API documentation**, and apply Grafana for real-time system performance monitoring
* **Develop server-side solutions**, integrate databases, and ensure seamless performance & OOP principles
* **Collaborate with cross-functional teams**- ML, R&D, and QA teams, utilize Slack and Jira
* **Manage bugs**, identify and resolve complex issues in development processes
* **Additional technologies**: Linux, Docker, Git Bash

2020-2024: **Ort Brauda Academic College of Engineering**

**Social Mentor:**

* Mentor students, support time management, course planning, and academic adaptation
* Develop learning skills, support academic challenges, motivate for excellence, and improve performance

**Academic Advisor:**

* Conduct high school presentations to promote college programs and academic opportunities
* Provide targeted career counseling to encourage student enrollment and program participation

**Volunteer Work:** Participate in the Perach Project | Student Dean Volunteer Projects | Elderly Home

**Languages**: Arabic, Native | Hebrew, Fluent | English, High Proficiency