KHALID MADI

SOFTWARE DEVELOPMENT ENGINEER

Alexandria, EG | +201211620340 | kld.madi88@gmail.com | linkedin.com/in/khalidmadi

Summary and Objective

Recent Computer Science graduate with a solid foundation in software engineering principles and practical experience in web application development using Django. Proven ability to work in collaborative environments, leveraging strong problem-solving skills and a commitment to continuous learning. Currently pursuing a specialized training program focused on Python development, modern web technologies, and database management to further enhance my technical expertise. Seeking opportunities in software engineering to contribute to impactful projects.

Experience

Software Development Engineer | Egyptian Army (Military Service)　　　　**Jul 2023 – Sep 2024**

- Developed and maintained an interactive Django-based web application, enhancing functionality while ensuring scalability.
- Served as IT administrator for a network domain, managing infrastructure, user accounts, and technical support.

Software Development Intern | Vodafone Egypt　　　　**Aug 2020 – Sep 2020**

- Collaborated with a senior web designer to implement a web service using C#, JavaScript, and MVC architecture.
- Gained practical experience in Agile SDLC through hands-on participation in development sprints.

Admission Representative | Cedar Point Amusement Park, Ohio, USA　　　　**Jun 2018 – Sep 2018**

- Participated in a cultural exchange program, managing guest admissions, ticket sales, and customer service.

Education

Full Stack Development using Python | Information Technology Institute　　　　**2025 March – 2025 June**

Currently enrolled in a comprehensive software development specialization, focusing on Python frameworks (Django, Flask), web development, database systems, and software engineering best practices

Completed a course on Ubuntu Linux Essentials

College of Information Technology | MUST University　　　　**2018 – 2022**

Bachelor of Computer Science, GPA: 3.54

Graduation project: designed and architechtured a solution (NP-complete problem) that creates both students' and college's schedules with least conflicts implementing hybrid genetic algorithms for approximate optimal results as a three-tier web application.

Middle East Secondary Language School　　　　**2013 – 2016**

Thanaweya Amma graduation percentage: 95.96%

Technical Skills

- **Programming/Scripting Languages**: C++, Python, JavaScript, Bash (Linux)

- **Frameworks**: Django, .NET familiarity.

- **Frontend Technologies:** HTML, CSS, React.

- **Databases**: PostgreSQL, Oracle, SQL.

- **Cloud**: AWS (AWS practitioner knowledge).

- **Concepts**: Data Structures, Algorithms, Design Patterns, Object-Oriented Programming, SOLID, Version Control, SDLC, Agile Methodology.

Achievements and Activities

- Chess player 7th place in college competition.

- Rubik's cube and puzzle solver (speed cuber)

Languages

- Arabic: Native

- English: Fluent

- German: Intermediate