Adel Sameer Yousef

Backend Engineer | Web Developer

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PROFILE

Passionate backend and web developer with strong skills in Python, Django, RESTful API design. I enjoy building scalable and secure systems that turn complex problems into simple, reliable solutions. What sets me apart is my focus on writing clean, efficient code while understanding the bigger picture — how technology can create real value for users and organizations. I value continuous learning, collaboration, and attention to detail, and I take pride in contributing to projects that combine technical excellence with meaningful impact. My goal is to bring technical precision, curiosity, and a problem-solving mindset to every team I join.

PROJECTS

HabitQuest – Habit Tracking & Challenge Platform 🔗   10/2025 – 11/2025
Bootcamp Project | SDA x General Assembly
HabitQuest is a full-stack web application that enables users to join challenges, track daily progress, and stay motivated through community participation.
- Designed and developed the frontend and backend independently **within 10 days** using React, Django REST Framework, and PostgreSQL.
- Built **RESTful APIs** for user authentication, challenge management, and progress tracking.
- Implemented secure **JWT-based authentication** and role-based access control.
- Designed responsive UI with **React Router**, **Axios**, and **SCSS** for modern user experience.
- Containerized the application using **Docker** for consistent and efficient deployment.

MASARI Smart Academic System 🔗   05/2025
Graduation Project | King Abdulaziz University
MASARI is an intelligent academic management platform designed to automate scheduling, predict class section demand, and streamline university operations for students, faculty, and administrators.
- Implemented automated course registration and exam scheduling features.
- Built a machine learning model (RandomForestRegressor) achieving 91% accuracy in predicting class section demand.
- Designed role-based permissions for students, faculty, and administrators.

EDUCATION

SDA x General Assembly Software Development Bootcamp - (480 Hours)   08/2025 – 11/2025
                                                                                        Online
- Intensive full-stack program covering Python, Django, RESTful APIs, HTML, CSS, JavaScript, and React.
- Gained hands-on experience with React components, state management, controlled forms, and routing.
- Practiced backend integration, API fetching, and Python unit testing through practical projects.

Bachelor's Degree in Computer Science - Software Engineering Track   05/2025
King Abdulaziz University   Saudi Arabia

CERTIFICATES

Microsoft Excel

SKILLS

Technical Skills:
- **Programming Languages:** Python, JavaScript, Java
- **Frameworks & Tools:** Django, React, Vite.js, Node.js
- **Database Management:** PostgreSQL, MySQL, Supabase
- **API Development:** RESTful APIs, Django REST Framework
- **Version Control:** Git, GitHub
- **Software Development:** Agile Methodologies, Unit Testing, Docker
- **Other Tools:** Microsoft Office

Soft Skills:
- Problem-Solving
- Communication skills.
- Time Management.
- Team Collaboration.
- Decision-making.
- Flexibility and Adaptability
- Attention to Detail
- Continuous Learning

LANGUAGES

Arabic (Native)   English (Professional Working Proficiency)