HANZALA WAHID

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OBJECTIVE

Aspiring Python Backend Developer with a strong foundation in developing scalable and efficient server-side applications. Proficient in frameworks like Django REST Framework and FastAPI, and passionate about building robust APIs and data-driven solutions.

EDUCATION

Bachelor of Science in Artificial Intelligence, Dawood University of Engineering and Technology Expected 2026

SKILLS

Backend Technologies	Python, Django, Django REST Framework, FastAPI, RESTful APIs
Tools	VS Code, Postman, Git, Anaconda, PowerShell, pip, virtualenv

EXPERIENCE

Information Security Analyst Intern   Feb 2025 - Apr 2025
Virtual Security, Karachi, Pakistan

- Assisted in conducting vulnerability assessments and penetration testing on client networks and systems.
- Analyzed security incidents and provided recommendations for enhancing security measures.
- Developed reports documenting security vulnerabilities and recommended mitigation strategies.

Trainee Developer   Jan 2024 - Mar 2024
Dygital Bug, Karachi, Pakistan

- Created basic webpages using HTML and CSS.
- Started learning Django framework for backend development.

PROJECTS

Django REST API for Tweet App. Developed a RESTful API using Django REST Framework for user management and tweet operations. Implemented authentication. GitHub Link

Microservices-based GitHub Repository Analyzer. Built a microservices architecture using Django, Celery, Redis, FastAPI, and DRF to analyze GitHub repositories. Leveraged LLM3 and Groq for code style, bug detection, performance improvement suggestions, and best practices analysis. GitHub Link

CodeCrafter PowerShell. Created a PowerShell script that performs basic commands like 'cat', 'echo', and 'type'. Implemented custom shell functionality using Python for creating an interactive terminal-like environment. GitHub Link

CERTIFICATIONS

- **Python for AI, Data Science, and Development by IBM**   (Certificate Link)
- **Python for Data Structures by IBM**   (Certificate Link)
- **People and Soft Skills Assessment by IBM**   (Certificate Link)

EXTRA-CURRICULAR ACTIVITIES

Taught students from 9th to 2nd-year Computer Science and CIT courses, managed IEEE Computer Society website, and led an IoT workshop.