Mehmood Hassan Shah

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PYTHON DEVELOPER

I'm a seasoned Python developer with extensive experience across multiple frameworks, including Django, Flask, and FastAPI. My expertise spans both SQL and NoSQL databases, and my consultancy work has allowed me to delve into diverse domains such as education, fintech, and healthcare. I hold web security certifications from Zsecurity and am known for my exceptional problem-solving skills and goal-oriented approach.
I am eager to find opportunities where I can make a significant impact and deliver my best work.

KEY COMPETENCIES

Python	Databases	JavaScript
Django	Schema Designs	React JS
Django Rest Framework	SQL	Web Scrapping
Flask	PostgreSQL	Automation
APIs	MongoDB	Git/GitHub
MVC	Complex Queries	Docker
Scalable code	Analytics	

PROFESSIONAL EXPERIENCE

Devsinc   **Jul 2023 - Present**
Software Engineer
I have successfully provided consultancy services across various domains, including education, fintech, and healthcare. My role as a Python developer involved designing and implementing robust backend solutions using Django, Flask, and FastAPI. I worked closely with clients to understand their business needs, offering technical insights and delivering scalable, high-performance applications tailored to their requirements.

Accomplishments:
- Developed and optimized data-driven applications, enhancing performance and scalability.
- Led and mentored teams, ensuring adherence to best practices in coding, testing, and deployment.
- Improved project efficiency by over 30% through ORM optimization, raw queries, and database indexing.
- Provided strategic technical guidance that resulted in more stable and efficient products for clients.
- Implemented advanced security measures, including data encryption, secure authentication mechanisms, and regular vulnerability assessments, resulting in a 40% reduction in security incidents.
- Designed and developed interactive dashboards for clients, providing real-time insights and data visualizations that improved decision-making and operational efficiency.
- Developed tailored solutions for clients, integrating third-party services and APIs to meet specific business requirements.
- Effectively communicated complex technical concepts to non-technical clients, simplifying technical jargon and ensuring clear understanding. This approach led to more informed decision-making and stronger client relationships.
- Contributed to brainstorming sessions, generating innovative ideas to improve products and services.

International Medical Corps(IMC)   **April 2023 - Jun 2023**
Associate Python Developer

I contributed to various projects by supporting the development and maintenance of backend systems. I collaborated with senior developers to implement features, fix bugs, and optimize code for better performance. This role allowed me to quickly adapt to new environments, work efficiently under tight deadlines, and sharpen my Python programming skills in a professional setting.

Accomplishments:

- Assisted in the development of Python-based applications, ensuring smooth integration with existing systems.
- Collaborated with the QA team to identify and resolve bugs, enhancing the overall stability of the application.
- Learned best practices from senior developers, contributing to the continuous improvement of the codebase.

EDUCATION

BS Computer Science (2019-2023)
Comsats University Islamabad

A Levels (2016-2018)
PakTurk International School and College