Shahvaiz Ahmed

FULL STACK PYTHON DEVELOPER

+923155215889 | shahvaiz123satti@gmail.com

Objective

To obtain a challenging developer position in a dynamic and innovative organization where I can use my technical and analytical skills.

Experience

TMRC Pvt. Ltd. | Senior Full Stack Developer   **2022 - Present**

- Analyzed and proposed innovative solutions to client requirements
- Led and mentored a dynamic team of developers
- Designed and developed robust backend solutions
- Managed DevOps processes

Freelancing | Django + React Developer   **2021 - 2022**

- Cleaned and preprocessed data
- Conducted statistical tests for decision support
- Developed machine learning models for prediction
- Collaborated on A/B tests, increased click-through

Education

PMAS Arid Rawalpindi, BS Software Engineering   **2020 - 2024**

Major: Software Development | Minor: Data Science

Skills & abilities

- Backend Development
- Frontend Development
- Database Administrator
- DevOps
- Problem solving
- Python
- JavaScript

Projects

Employee Self Service Portal

I developed a project for a government organization designed to streamline employee tasks such as leave applications, NOC requests, performance reviews, resignation submissions, and personal dashboard access. This project utilized Python, Django, React JS, SQL, MS SQL Server, and MS Azure DevOps, with SQL Server Agent to manage backend processes efficiently. Throughout this project, I gained significant insights into handling complex approval mechanisms and user permissions within web portals. My experience with SQL Server deepened, particularly in using SQL views and functions to manage data effectively. Additionally, I acquired practical skills in using MS Azure DevOps. My primary role was to develop the backend for the application, ensuring robust functionality and user-friendly interfaces.

HR Management Portal

For the **HR Management Portal,** I led the development of a comprehensive system designed for a government organization, utilizing a robust stack that included Python, Django, React JS, SQL, MS SQL Server, MS Azure DevOps, and Redis Celery. This project was developed to streamline HR operations such as managing employee records, issuing NOCs, evaluating performance, and facilitating termination and transfer processes, actively involving both employees and top-level management. Throughout this project, I enhanced my expertise in SQL Server, particularly with SQL views and functions for efficient data management. I also deepened my understanding of DevOps practices and gained valuable experience in front-end development, learning how to handle dynamic approvals and user permissions within web portals. This role significantly broadened my understanding of ERP systems and reinforced my capabilities in leading complex projects.

Payroll Management Portal

I led the development of a Payroll Management Portal for a government organization. This system was built using Python, Django, React JS, SQL, MS SQL Server, MS Azure DevOps, and MS Dynamics 365 FO Integration. The project aimed to improve payroll tasks such as processing payments, managing taxes, administering benefits, and ensuring compliance. During this project, I advanced my skills in SQL Server, focusing on SQL views and functions for better data management. Additionally, I enhanced my understanding of DevOps practices and deepened my experience with payroll systems and ERP integration. This role greatly expanded my knowledge of ERP systems and strengthened my ability to manage complex projects.

E-Commerce Application Integrated with ERP

I developed an e-commerce application for a US client, integrating it with MS Dynamics Business Central. I handled the entire project on my own, setting up a backend as a proxy server to meet additional requirements beyond what Business Central offers. I deployed the application using Microsoft Azure, which improved my understanding of Azure App Services, CI/CD practices, and cloud servers. I also created the frontend using React JS and integrated EBiz Charge for payment processing. This project greatly enhanced my expertise in e-commerce.