Shoukat Abbas

BACK-END DEVELOPER

SUMMARY

Backend Developer with robust expertise in Python, Django, Django Rest Framework (DRF), and PostgreSQL. Proficient in designing scalable systems, building RESTful APIs, and managing relational databases. Skilled in delivering efficient backend solutions for complex business needs, including authentication systems, learning management platforms, and train ticketing systems. Passionate about leveraging technology to solve real-world problems with a focus on maintainability and performance.

CONTACT

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SKILLS

- Programming Languages (Python)
- Database Management (e.g., SQL,Postgrsql)
- RESTful APIs
- Version Control (e.g., Git)
- Web Security
- Django
- Django rest Framework

LANGUAGES

English

Urde

EDUCATION

Bachelor in MSc Software Engineering
Islamia University Of Bahawalpur   *Jun 2022 - May 2024*

EXPERIENCE

Back-End Developer
Personal Project   *Jun 2022 - Present*

- Designed and developed a **Train Management System**, enabling users to buy tickets, cancel tickets, and check train locations in real time.
- Built an **authentication system** with JWT for secure user login, registration, and role-based access control.
- Developed a **Learning Management System (LMS)** that handles course creation, student enrollment, and assignment submissions with due date management.
- Created a **PDF Management Project** with Django and DRF, facilitating document upload, sharing, and processing capabilities.
- Optimized PostgreSQL database queries, improving API response times by 20%.

Projects
Personal

Train Management System

- A full-featured application where users can manage train bookings, check train schedules, and monitor real-time locations.

Authentication System with JWT

- Implemented a secure authentication flow supporting user registration, login, and assignment submission with deadline handling.

Learning Management System (LMS)

- Built a platform for managing educational courses, student enrollments, and assignment tracking.

PDF Management System

- A comprehensive solution for handling PDF uploads, downloads, and metadata processing.