

Soban Ahmed

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Summary

Experience in AI solutions and web applications using **Django, FastAPI, LangChain, React** and **Golang** focused on scalable and user-centric projects

Work Experience

Artilence

Johar Town, Lahore

SOFTWARE ENGINEERING INTERN

Aug 2024 - Oct 2024

- Collaborate to build APIs with **Django DRF and FastAPI and React for frontend** for an AI driven ATS system and AI interviewer leveraging OpenAI and VAPI.
- Developed a student community platform using **Golang/Fiber, and WebSockets, optimized media transfer with chunking and compression**. Parsed resumes and **managed complex JSON data for PostgreSQL, ensuring seamless migrations using Alembic**.
- Explored **RAG** solutions with Python, **LangChain and vector databases** and multi-agent systems and **LangGraph**.
- Scraped job portals using Python and **Beautiful Soup**. Collaborated via **Slack, Jira, and Git/GitHub**.

Personal Projects

POLLS-APPLICATION

Python

FULL STACK DJANGO BOOTSTRAP | INDEPENDENT PROJECT

- Developed an app following **official documentation** thoroughly and implement additional features. Implemented features like **polls creation, voting, searching, testing results display and friendly UI**.
- GOAL:** The Goal was to Demonstrate proficiency in Django ORM, Database API, templating, admin customization, URL routing, Bootstrap (UI). **CLICK to see**

DIGITAL WALLET

Python

FASTAPI | SQL DB PROJECT | TEAM PROJECT

- Digital wallet that allows users to create accounts, manage transactions, and operations related to deposits, withdrawals, transaction log and currency management. **Built RestAPIs, wrote raw queries to enhance performance and used ORM**.
- GOAL:** The project is designed to provide a secure and efficient platform for handling digital financial activities. **CLICK to see**

E-STORE

CPP

DSA EFFECTIVELY | INDEPENDENT PROJECT

- Set of **features for both buyers and sellers**, including product management, a shopping cart, order processing, delivery time and user authentication. **Used DSA effectively, like using linked lists, trees and BST as priority queue** for urgency products and **CSV handling**.
- GOAL :** Full-fledged commerce platform leveraging DSA for high performance. **CLICK to see**

Skills

Languages Python • CPP • Golang • JavaScript • TypeScript • HTML • CSS • SQL • Bash Script

Frameworks Django • DRF • FastAPI • React • OpenCV • Tailwind • Bootstrap • LangChain • Streamlit • LangGraph

Technologies Git • Github • Linux • Jira • Slack • Open Ai • VsCode • PyCharm • Jupyter Notebook • RAG • Vector database • Figma • Visual Paradigm

Education

University of Management and Technology

Lahore, Punjab

B.S. IN COMPUTER SCIENCE

2021 Fall - continue

- GPA: 3.14

Activities

ACM society

UMT, Lahore

COMPETITION MANAGEMENT

Nov 2023 - Oct 2024

- Collaborate with the team in organizing leetcode coaching and managing different competitive programming events.

Certifications

- Click for Udemy** Database Mastery certificate
- Click for Udemy** JavaScript and CSS certificate