Soban Ahmed

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Summary

Experience in AI solutions and web applications using **Python**, **Langchain**,**LLMs**, **React** and **Golang** focused on scalable and user-centric projects

Work Experience

Artlence   *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.

Certificaitions

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