

Subhan Asif



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Summary

Electrical Engineering student specializing in AI, Machine Learning, telecommunications, and circuit design. Skilled in programming and system-level problem solving, with a focus on developing AI-driven solutions. Interested in leveraging LLMs and Generative AI to solve real-world engineering challenges.

Education

PUNJAB University Lahore Lahore, Pakistan
Bachelor of Science in Electrical Engineering (Major in AI) 2024 – 2028 (Expected)

Experience

CommServ, Inc. Lahore, PAK (On-Site)
Sales Manager 2025 (3 months)

- Managed client accounts and drove sales growth through strategic relationship management and upselling initiatives.
- Developed and implemented sales strategies that increased lead conversion rates and accelerated deal closure.

Projects

AI Virtual Assistant | *Python, Django, Flask*

- Built a conversational **AI virtual assistant** using **Python with Django and Flask** frameworks for seamless voice and text-based interactions.
- Integrated natural language processing capabilities to handle user **queries, schedule reminders, and automate daily tasks**.
- Designed a modular architecture allowing easy extension of features like **weather updates, news fetching, and calendar management**.

AI Chatbox | *Python, LLM API (DeepSeek/OpenAI), JavaScript*

- Developed an intelligent AI chatbox that generates **human-like replies** automatically instead of manual user typing.
- Integrated DeepSeek LLM API for context-aware responses, enabling **natural and engaging conversation** flows.
- Built a clean chat interface with **real-time message** streaming and conversation history persistence.

Mini Uber | *HTML, CSS, JavaScript, C++*

- Created a ride-booking mini **web application with a responsive frontend** using HTML, CSS, and JavaScript.
- Implemented backend logic in C++ for **fare calculation, ride matching, and route optimization algorithms**.
- Simulated real-time driver tracking and ride request handling through efficient data structures in C++.

Pay As You Learn | *React, Node.js, DeepSeek API, MongoDB*

- Built a pay-per-lesson **learning platform** where users purchase only the courses or modules they need.
- Integrated DeepSeek API to generate personalized **quizzes, lesson summaries, and AI-powered tutoring assistance**.
- Implemented secure payment gateway and **progress tracking, allowing users to resume lessons** anytime.

Technical Skills

- Languages: Python, TypeScript, JavaScript, C++, Java, C, SQL
- AI & LLM Orchestration: Generative AI, Prompt Engineering, DeepSeek API
- Computer Vision & Data: OpenCV, NumPy, Pandas, Matplotlib
- Full-Stack Development: React, Next.js, Node.js, Flask, Tailwind CSS, Django
- Databases & Cloud: MongoDB, Vercel, Hostinger
- Tools & Automation: Git, GitHub, Docker, Figma

Certifications

- Data Science Analysis – DevelopersHub Corporation
- Python Development – Online Learning
- Media Head – IEEE PU Student Branch
- CS50x Puzzle Day 2026 – Harvard / CS50