# Umair
## Ai Developer

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## PROFILE

AI developer passionate about building intelligent systems and AI-driven applications that enhance user experience and optimize workflows. Focused on delivering scalable, efficient solutions with seamless AI integration.

## PROJECTS

### AI-Powered Document Retrieval Chatbot
Feb 2025– Feb 2025

**Solution:** Developed a Document-Based Chatbot using LangChain and Hugging Face embeddings, with FAISS for efficient document retrieval and semantic search.
**Tech Stack:** LangChain, Hugging Face, FAISS, Python, Flask, RAG
**Features**: Context-based document querying, fast retrieval with FAISS vector search, Hugging Face embeddings for accurate answers
**Learning:** Gained experience in semantic search, LangChain, and FAISS for efficient document retrieval.

### IPL Match Outcome Predictor
Nov 2024-Nov-2024

**Solution:** Developed a predictive model using a Kaggle IPL dataset, performing data cleaning and building a Random Forest algorithm to predict the outcomes of upcoming IPL matches.
**Tech Stack:** Python, Machine Learning, Random Forest, Kaggle Dataset
**Features:** Conducted Exploratory Data Analysis (EDA), cleaned the dataset, and used Random Forest to predict match results based on historical data.
**Learning:** Enhanced skills in data cleaning, exploratory data analysis (EDA), and machine learning with the Random Forest algorithm for sports prediction tasks.

## INTERNSHIP

**AI Developer Intern** OpenZoneAI | (2months)
Dec 1, 2024 - Jan 31, 2025

During my internship, I worked hands-on with cutting-edge generative AI technologies. I built practical solutions using large language models (LLMs) and vector databases, creating smarter search systems through embeddings. My work involved using LangChain to connect different AI components into cohesive workflows, building retrieval-augmented generation (RAG) systems, and deploying them via Flask APIs. I gained valuable experience in building and deploying real-world applications with a strong focus on semantic retrieval and user-centered AI solutions.

## EDUCATION

**B.E. in Computer Systems**, Quaid-e-Awam University
2020 – -2024  Nawabshah, Pakistan

**FSc Pre-Engineering,** Govt. Islamia College Sukkur
2018 –  2020  Sukkur, Pakistan

## SKILLS

**Languages**
Python,SQL,HTML,CSS, C++

**Technical Skills**
Data Science ,Machine Learning, ,NLP, Generative AI.

**Database Management**
MySQL , Vector Databases (FAISS, Pinecone, Chroma)

**Frameworks**
Langchain , Flask, FASTAPI

**Libraries**
NumPy,Pandas,Matplotlib ,Scikit-learn, Transformers
OpenCV , TensorFlow

**Development Tools**
VS Code, Cursor ,Visual Studio , ngrok, Google Colab
Anaconda ,OPENAI API