

Muhammad Hashir

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AI/ML ENGINEER

Aspiring Data Scientist & ML Engineer passionate about turning data into intelligent solutions. Skilled in Python, machine learning, and generative AI with hands-on experience building AI chatbots and predictive models. Seeking an internship or junior role to contribute to real-world data projects and grow in AI research & application

SKILLS

Programming: Python, SQL

Libraries: Pandas, NumPy, Scikit-learn, TensorFlow, Keras, Matplotlib, Transformers, Langchain

Databases: MySQL, Pinecone, FAISS, Chromadb

Web & Automation: Flask, Streamlit, Selenium, FastAPI

Other: Git, Jupyter Notebook, BeautifulSoup

PROJECTS

SkillMatchAI - HR Solution

- Built Skill Match AI: a resume–job matching tool using RAG and explainable AI.
- Used Flask, Langchain, Gemini, and FAISS for semantic search and ranking.
- Enabled fast, accurate hiring by comparing and scoring multiple resumes.

Medical Chatbot – Flask, Gemini API, Pinecone

- Built an AI chatbot to answer disease-related queries using the Gale Encyclopedia.
 - Integrated Gemini API for response generation and Pinecone for vector search.
 - Developed a Flask backend to handle chat logic, API calls, and user input processing.
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PROFESSIONAL EXPERIENCE

Ecomile Monitor

Sep-2023 - April-2024

Machine Learning Intern

- Efficiently sourced and synthesized diverse data for comprehensive analysis.
- Executed meticulous data preprocessing for integrity and gained insights for contextual significance.
- Applied advanced predictive modeling to optimize fuel consumption forecasts

Bytewise Limited

March-2023 - July-2024

Data Science Intern

- Learning and implementing the given tasks and creating projects based on the provided resources in reference to financial guidelines.
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EDUCATION & CERTIFICATIONS

BS Computer Science (Final Year) Feb 2022 – Feb 2026
Sindh Madressatul Islam University

Intermediate - Pre Engineering 2019 – 2021
SM Government Science College

Certification in AI
PIAIC - Presidential Initiative for AI and Computing

EXTRACURRICULAR ACTIVITIES

Won DS Competition in GDSC Code Jam
Sindh Madressatul Islam University

Participated in Zindagi Prize Regionals
Mehran University of Engineering and Technology