

# 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

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## 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

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## 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 Zindigi Prize Regionals**

Mehran University of Engineering and Technology