

Muhammad Mujeeb Ur Rehman

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SUMMARY

Bachelor in Artificial Intelligence fresh graduate with a **gold medal**, specializing in **Machine Learning, Generative AI, and LangChain**. Proficient in Python, knowing Django, Odoo and SQL, with hands-on experience in LLMs, RAG, and Predictive Modeling. Winner of AI Expo IUB 2022, with 100+ DSA problems solved and a track record of developing AI-driven solutions.

EDUCATION

Bachelor of Science in Artificial Intelligence, The Islamia University of Bahawalpur

Feb 2021- Jan 2025

- **CGPA: 3.86/4** [Gold Medalist]

SKILLS

- **Programming Languages:** Python, SQL
- **Frameworks & Tools:** Scikit-Learn, NumPy, Pandas, Matplotlib, Django, Odoo, RestAPI, Git, Azure, Excel
- **Data Science:** Predictive Modeling, Clustering, Feature Engineering, Data Visualization, Power BI
- **Machine Learning:** Supervised/Unsupervised Learning, Neural Networks, Model Evaluation
- **Generative AI:** LLMs, LangChain, OpenAI
- **Soft Skills:** Clear Communication, Collaborative Team Work, Strong Problem Solving

CERTIFICATIONS

- Microsoft Certified: **Azure AI Fundamentals**
- Tools for Data Science
- Data Science Orientation
- Machine Learning Specialization by **Andrew Ng**

ACHIEVEMENTS

- Solved **100+** Problems of Data Structure and Algorithms on [Leetcode](https://leetcode.com/) and [GeekforGeeks](https://www.geeksforgeeks.org/)
- Emerged as **Winner** of Artificial Intelligence Expo IUB 2022, out of 15+ teams
- Participated in **Meta Hacker Cup**

PROJECTS

HealthOracle (FYP) — Python, Machine Learning, Django, PostgreSQL

- Built a healthcare solution with **90% prediction accuracy** using **machine learning models** in Python.
- Deployed the system with Django for a **user-friendly interface** and optimized the backend for **scalable performance**.

News Research Tool — Python, Langchain, OpenAI, Streamlit — [Github](https://github.com)

- Developed a streamlined content analysis tool using **LangChain, OpenAI, and Python**.
- Integrated **FAISS** for rapid information retrieval based on semantic similarity, enhancing research efficiency by **40%**. Designed the application using Streamlit for an **intuitive user interface**.

House Price Prediction System — Machine Learning, Deep Learning, Streamlit — [Github](https://github.com)

- Designed a predictive model for estimating residential property values with **high accuracy**.
- Leveraged advanced regression techniques like **Random Forest** and **Gradient Boosting**, resulting in a **15% improvement** in price estimation accuracy. Delivered the solution via Streamlit for **interactive visualization**.

Mall Customers Segmentation — Machine Learning, Streamlit

- Created a **K-Means clustering model** to optimize business marketing strategies.
- Delivered actionable insights through an interactive **Streamlit application**, improving client decision-making processes and boosting customer engagement strategies by **25%**.

EXTRA-CURRICULAR ACTIVITIES

- Led **ACM-IUB** as Vice Chairperson, organizing workshops, delivering lectures, and fostering a collaborative learning environment.
- Organized events and workshops as part of **GDSC-IUB** to enhance students' skills and expand their knowledge of emerging technology trends and innovations.