MUNEEB ASHRAF

(+92) 3006275648 | muneebashraf.edu@gmail.com

linkedin.com/in/muneeb-ashraf-ai

Aynaet Baag Scheme, Opposite Shalimar Garden GT Road, Lahore, Pakistan

bit.ly/muneeb-ashraf

Professional Summary

Aspiring Machine Learning professional with a strong background in Mathematics and practical experience in Python, data analysis, and ML models. Completed projects in computer vision, classification, regression, and backend development, with internship exposure to OOP, CRUD APIs, and database integration. Eager to apply skills to real-world challenges and grow in AI and data science.

Education

- **University of Engineering and Technology (UET), Lahore, Pakistan** (2025-2027)
  - **Master of Science (MS)** – Data Science
- **Government College University (GCU), Lahore, Pakistan** (2020-2023)
  - **Master of Science (MSc)** – Mathematics
  - CGPA: **3.37/4.00**

Work Experience and Internships

Full-Time Positions

- **Hajveri Lyceum School, Lahore, Punjab, Pakistan** (Aug 2023 – May 2025)
  Role: Taught grades 5–9, promoted student engagement, simplified complex math topics
- **Shaudan Tech Group, Gujrat, Punjab, Pakistan** (Jun 2022 - Sep 2023)
  Role: Delivered reports using visualizations and data summaries as a remote Data Analyst.
- **Ali Science Academy, Gujrat, Punjab, Pakistan** (Jun 2018 - Mar 2020)
  Role: Prepared students for exams with a tailored teaching approach.

Internships

- **Meissasoft, Lahore, Punjab, Pakistan** (May 2025 - Present)
  Role: Practiced OOP by building a Chess Game Engine and Ride Sharing Simulation. Solved DSA problems on HackerRank. Designed SQL databases and built a Student Management System using FastAPI and SQLAlchemy.
- **InsightSol Technologies, Lahore, Punjab, Pakistan** (Apr 2024 - May 2024)
  Role: Developed machine learning models using Python libraries as a remote ML Intern.

Courses, Specializations and Training

- **National Vocational and Technical Training Commission, Government of Pakistan**
  - Course Title: **Artificial Intelligence (Machine Learning & Deep Learning)`** (Jun 2023 – Dec 2023)
    Institute: **Minhaj University, Lahore, Punjab, Pakistan**
- **Coursera**
  - **Data Science Math Skills** (01 Jul 2024) – **Duke University**
  - **Introduction to Discrete Mathematics for Computer Science** (05 Dec 2023) – **UC San Diego**
  - **Understanding Research Methods** (12 Sep 2023) – **University of London**
  - **Introduction to Mathematical Thinking** (31 Aug 2023) – **Stanford University**
  - **Algebra: Elementary to Advanced** (31 Aug 2023) – **Johns Hopkins University**
  - **Expressway to Data Science: Essential Math** (08 Jul 2023) – **University of Colorado Boulder**
- **IELTS**

  Overall Band **7.0 (**CEFR Level **C1)**

- Listening **8.0,** Writing **6.5,** Speaking **6.0,** Reading **7.5**
- Test Date: **16th September 2024**

Skills

- **Skills and Tools:**

  Skills Acquired Through Courses and Internship

  - Python (NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, SQLAlchemy, Alembic, NLTK, TensorFlow/Keras) – Intermediate
  - Machine Learning – Intermediate
  - Deep Learning – Basic
  - Git – Intermediate
  - LaTeX (OverLeaf) – Basic
  - SQL – Basic
  - FastAPI (Uvicorn, Pydantic) – Intermediate
  - Canva – Basic
  - OOP – Intermediate
  - MongoDB – Basic
  - PostgreSQL – Basic
  - DSA – Basic
  - Anaconda (Jupyter Notebook) – Intermediate
  - Microsoft Office (Word, Powerpoint) – Intermediate

- **Interpersonal Skills:**

  Skills Acquired Through Work and Studies

  - Communication – Good
  - Problem Solving – Excellent
  - Decision Making - Excellent
  - Time Management – Excellent
  - Adaptability – Excellent
  - Creativity – Excellent
  - Teamwork – Excellent
  - Persuation - Good
  - Leadership – Good
  - Emotional Intelligence – Excellent

Projects

Performed these projects during my internship at Insightsol Technologies and as part of my Artificial Intelligence (Machine Learning & Deep Learning) course at NAVTTC.

- **House Price Prediction:** Compared 8+ regression models (linear/tree-based) using Python (Scikit-learn, Pandas)
- **Heart Disease Prediction:** Trained 4 classifiers (Logistic Regression, Random Forest) achieving 92% accuracy
- **Student Performance Analysis:** Multiple regression analysis (R^2=0.92) with Pandas preprocessing
- **Brain Tumor Detection:** CNN model for medical image classification (TensorFlow/Keras)
- **Credit Card Fraud Detection:** Anomaly detection using Logistic Regression (Scikit-learn)
- **Breast Cancer Diagnostic**: SVM diagnostic classifier
- **Diabetes Classification:** Decision Tree prediction model
- **MNIST Digit Recognition:** ANN for MNIST dataset
- **CIFAR Image Classification:** CNN implementations for CIFAR-10/100 datasets
- **Career ChatBot:** API-integrated recommendation system
- **Chess Game Engine:** Designed a modular OOP-based chess engine in Python
- **Ride Sharing Simulation:** Simulated a basic Uber-like system using OOP with Driver, Rider, and Ride classes
- **Student Management System:** Created a CRUD-based web app using FastAPI and SQLAlchemy

Languages

- **Urdu:** Listening (C2), Reading (C2), Speaking (C2), Writing (C1)
- **English:** Listening (C1), Reading (C1), Speaking (B2), Writing (B2)

Extracurricular Activities

During my studies, I participated in various societies to groom my personality and enhance my skills.

- Member – **Chawla Mathematics Society,** Government College University (GCU)
  - Participated in organizing mathematical seminars and workshops.
- Member – **Blood Donor Society,** Government College University (GCU)
  - Volunteered in blood donation drives and awareness campaigns.