

Abdul Moiz Abbasi

Dhok Chaudhrian, Rawalpindi, Pakistan — 03077124987 — moiz45573@gmail.com
[LinkedIn](#) — [GitHub](#)

About Me

Undergraduate Artificial Intelligence student with a robust foundation in machine learning workflows and full-stack web development. Adept at bridging academic theory with practical application, specializing in the MERN stack and data-driven solutions. Proven ability to collaborate in team-based environments and a commitment to integrating web technologies with AI to build comprehensive end-to-end applications.

Technical Skills

- **Programming & AI/ML:** Python (NumPy, Pandas, Matplotlib), Data Preprocessing, Model Training, Scikit-Learn.
- **Web Development:** MERN Stack (MongoDB, Express.js, React, Node.js), RESTful APIs, JWT Authentication.
- **Databases & Tools:** SQL, NoSQL (MongoDB), Git, GitHub, CRUD Operations, Role-Based Access Control (RBAC).
- **Soft Skills:** Analytical Problem-Solving, Methodical Logic Design, Team Collaboration, Clear Technical Communication.

Projects

Event Management System — MERN Stack, React, Node.js, MongoDB

- Developed a full-stack web application implementing a Role-Based Access Control (RBAC) system for Admins and Participants.
- Engineered secure user authentication and authorization modules to manage different user access levels.
- Designed and implemented complete CRUD functionalities for event lifecycle management, including registration and attendee tracking.

Machine Learning Coursework Projects — Python, Scikit-Learn, EDA

- Developed various classification and regression models, focusing on the end-to-end pipeline from data cleaning to model evaluation.
- Performed data preprocessing and visualization of results to extract actionable insights from academic datasets.

General Academic Projects — C++, OOP, Data Structures

- Built logic-driven applications demonstrating mastery of Object-Oriented Programming (OOP) and complex Data Structures.
- Collaborated with peer groups to design and code database-integrated applications using algorithmic problem-solving.

Work Experience

ZUBE Software — MERN Stack Intern

2 Months

- Contributed to full-stack development tasks using the MERN stack, gaining hands-on industry experience in a professional software environment.
- Applied knowledge of Express.js and React to assist in building scalable web components and handling API responses.

Education

COMSATS University Islamabad (Islamabad Campus)

Expected Graduation: 2027

Bachelor of Science in Artificial Intelligence (Current: 6th Semester)

Current CGPA: 3.36

- **Relevant Coursework:** Programming Fundamentals, Data Structures, Intro to AI, Databases, Object-Oriented Programming, Intro to Machine Learning.

Course Certifications

- **CS50:** Introduction to Computer Science – Harvard University (edX)
- **Understanding AI & Introduction to SQL:** DataCamp
- **SQL (Basic):** HackerRank

Achievements

First Position — Model Training Competition, COMSATS University

- Co-developed and optimized a machine learning model in a team of two, achieving the highest performance metric among all participants.