Muhammad Zafar Ali

Full-Stack Developer (MERN + AI/ML)

+92 328 9569517
zafaraliimran12@gmail.com
www.linkedin.com/in/muhammadzafarali
https://github.com/zafarali12

LAHORE, PAKISTAN

Summaary

Computer Science student skilled in **AI, Data Science, and Full-Stack (MERN) Development**. Built projects like **Wanderlust (Airbnb-style website)**, **Zerodha trading platform clone**, and **AI/ML models** including Naive Bayes classifiers. Certified in **Artificial Intelligence and Data Science**, with hands-on experience in both frontend/backend and AI Agents.

SKILLS & ABILITIES

- **Programming & Frameworks:** Python, JavaScript, Node.js, React.js, Express.js, MongoDB
- **Machine Learning & AI:** Naive Bayes, Regression, Classification, Clustering, AI Agents (LangChain, Prompt Engineering)
- **Data Science Tools:** Pandas, NumPy, Scikit-learn, TensorFlow, PyTorch, Jupyter Notebook
- **Other Tools:** Git/GitHub, N8N, REST APIs, VS Code

EXPERIENCE

Aug 2024 – Oct 2024

Full Stack Developer Intern, *PEL (Lahore, Pakistan)*

- Contributed to the development of a full-stack eCommerce web application using **React.js**, **Node.js**, **Express.js**, and **MongoDB**
- Implemented user authentication, product listings, cart functionalities, and admin dashboard features
- Collaborated with senior developers to deploy the project on **Render** and manage version control via **GitHub**

Mar 2025 – May 2025

MERN Stack Developer Intern, *Developers Cohub (Remote / Lahore)*

- Built and maintained responsive and dynamic web interfaces using **React.js** and integrated REST APIs
- Worked on backend logic using **Node.js**, **Express.js**, and **MongoDB** for CRUD operations

EDUCATION

Bachelor of Science in Computer Science (BSCS) University of Education *(In Progress)*
 Currently pursuing BSCS with a focus on full-stack development, algorithms, and databases. **Current CGPA: 3.5 / 4.0**

COMMUNICATION

Strong written and verbal communication skills, with the ability to collaborate effectively with team members, communicate technical concepts clearly, and contribute to group discussions and project planning.

LEADERSHIP

Ability to manage multiple projects simultaneously and meet tight deadlines, while maintaining the highest standards of quality.

PROJECTS

Wanderlust Travel Platform (Airbnb-Style Website)

- Built a travel booking website with **React.js, Node.js, Express.js, and MongoDB**.
- Features: user authentication, add/remove listings, hotel reviews, booking system.
- Designed a clean UI similar to Airbnb and deployed it online.

Zerodha Clone (Trading Platform)

- Developed a **trading website clone** with complete frontend and backend.
- Implemented stock listing, order management, and dashboard using MERN Stack.
- Focused on real-time data handling and smooth user experience.

Naive Bayes Text Classifier (AI/ML Project)

- Implemented a **text classification model** using Naive Bayes algorithm.
- Trained and tested on real-world dataset with high accuracy.
- Built using **Python, Pandas, NumPy, and Scikit-learn**.

AI Agent Workflow Automation

- Created **AI Agents** to automate business workflows and decision-making.

- Integrated external APIs for dynamic task handling.
- Worked with **LangChain and prompt engineering** for agent design.