# Muhammad Waqas

## Software Engineer

✉ www.mwaqas.com8@gmail.com    📞 +923038813483

📍 main ferozpur road purana kahna nau lahore    in linkedin.com/in/muhammad-waqas-383192304

○ github.com/waqasansariii

## Summary

I'm a Full Stack Web developer skilled in Mern Stack (mongo, express, node, react), building dynamic, user-friendly web applications. I also have strong Data Science and AI expertise, with experience in Python, SQL, Selenium Automation, AI integrations, Machine Learning and Deep Learning, Streamlit, Vector Databases (Pinecone) and LLMs using LangcChain turning data into real-worlds insights.

## Professional Experience

**AI & Data Science**                                                                 12/2024 – Present

- Proficient in Python with strong data manipulation skills using Pandas and NumPy
- Applied advanced machine learning techniques with scikit-learn: cross-validation, feature engineering, and hyperparameter tuning
- Hands-on experience with TensorFlow and PyTorch, building CNNS, RNNs, and custom deep learning models
- Developed AI chatbots using LLMs and LangChain, integrated with Pinecone for semantic search and contextual memory
- Built and deployed full RAG (Retrieval-Augmented Generation) systems with Streamlit frontends
- Automated tasks and web scraping workflows using Selenium & Beautiful Soup

**Mern Stack Developer, Freelancing**                                    12/2024 – Onward
                                                                                                    LAHORE, PAKISTAN

- Used ReactJs, Tailwind Css and Bootstrap for UI and form handling and using MySQL and Mongo DB for db.
- using backend technologies Node, Express, Mongo Db.
- Intergrated OpenAi APi to mern stack for mern stack chatbot application

## Education

**8th Semester Student of Computer Science, Lahore Garrison University**        02/2022 – 02/2025

## Skills

**Python, Scikit-Learn, Numpy, Pandas, LangChain.**
**React, Bootstrap, Tailwind Css, Mongo DB, Node**
**Streamlit, EDA, TensorFlow, Pytorch,Python**
**Automation(Selenium,BeautifulSoup) | Js, MySql,**
**Express,Node Js**
Google Colab, PyCharm Jupyter

## Courses

**Azure Artificial Intelligence Certification,** *Corvit Systems*                    16/07/2024 –
01/11/2024
Lahore, pakistan

**Mern Stack,** *Corvit System*                    02/2024 – 06/2024

## Projects

**GeBee (Mern Stack, Al integration)**
- Developed a responsive website using React, Node.js, Bootstrap, and CSS. Integrated OpenAl for real-time chat support to assist real estate clients. Implemented an admin backend with a query table for easy tracking of user inquiries.

**Music Streaming Platform**
- Built with MERN stack, featuring user authentication (JWT), role-based access, playlist creation, music playback, and search. Developed a responsive UI with React & Bootstrap. Designed secure RESTful APIs and an admin dashboard for content and user management. Emphasized scalability and clean architecture.

**ML census Data Training**
- Performed binary classification to predict income >50K using scikit-learn. Handled data cleaning, encoding, and feature engineering. Trained and optimized models (Logistic Regression, Decision Tree, Random Forest) with cross-validation and evaluated using accuracy, precision, recall, and F1-score.