Wajahat Gul

Machine Learning — Python Developer — Backend Developer

Islamabad, Pakistan

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PROFESSIONAL SUMMARY

Innovative Machine Learning and Backend Developer with experience in Python, Django, and automation. Skilled in designing AI solutions, API integrations, and data-driven applications. Strong foundation in C++ and Data Structures with hands-on experience in automation, chatbots, and predictive analytics.

EDUCATION

Bahria University	Islamabad, Pakistan
Bachelor of Science in Computer Science	*Feb 2023 – Feb 2027*
F.G. Degree College for Men	Wah Cantt, Pakistan
Intermediate, Pre-Engineering	*Aug 2020 – Aug 2022*

EXPERIENCE

AI/Automation Intern — Jul 2025 – Sep 2025
Y&M TechWorks — *Punjab, Pakistan*
- Designed and deployed automation workflows using Python for backend processes and client-facing solutions
- Created chatbot and AI-based tools to enhance business efficiency and customer engagement
- Improved operational speed by automating repetitive tasks, reducing manual effort by over 60%

Competitive Team Member — Jan 2025 – Present
YOTA - *Youth Organization for Technical Advancement* — *Islamabad, Pakistan*
- Organized workshops for React and Git version control for university students
- Collaborated with team members to deliver technical training sessions and skill development programs
- Contributed to university-based technical society initiatives and community building

SKILLS & TOOLS

Programming: Python, C++, JavaScript, SQL

Frameworks: Django, Scikit-learn, Pandas, NumPy, Tkinter, Bootstrap

Tools: Selenium, n8n, OpenAI API, REST APIs, Git, GitHub

Specialties: Machine Learning, Backend Development, Automation, Data Science

PROJECTS
GitHub: github.com/WajahatGul

RAG Chatbot Integrated with WhatsApp — Y&M TechWorks
- Led development of a Retrieval-Augmented Generation chatbot as a real estate sales assistant
- Integrated with WhatsApp Business API and automated workflows with n8n and OpenAI API
- Improved client query resolution efficiency by 50% and boosted customer engagement

WhatsApp Group Management Automation — Y&M TechWorks
- Built Python automation system using Selenium, Tkinter, and Pandas for WhatsApp group management
- Reduced admin work time by 70% and eliminated manual errors with automated Excel imports

House Price Predictor (Django + ML) — Y&M TechWorks
- Developed Django web app predicting house prices using regression models and Joblib serialization
- Created responsive frontend for real-time predictions with PKR conversions

IMDB Clone — Personal Project
- Developed Django web app for browsing movies and shows and their information
- Designed movie database web app with dynamic API integration and search functionality

CERTIFICATIONS

Skill Up with Python: Data Science and Machine Learning - LinkedIn (Jul 2025)

Supervised Machine Learning: Regression and Classification - DeepLearning.AI (Jun 2025)

Python & Django - Udemy (Mar 2025)