

MUHAMMAD UMAR FAROOQ

AI & Machine Learning Student | Agentic AI Developer

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#) | [LeetCode](#)

PROFILE

BS Artificial Intelligence student (6th semester) at the University of Management & Technology, Lahore, maintaining a 3.81 CGPA on a 70% merit scholarship with Dean's Award (top 10% department SGPA). Currently enrolled in the Panaversity Agentic AI Program, building production-grade autonomous agents using LLMs, Groq and multi-agent architectures. Experienced in computer vision, NLP, workflow automation (n8n) and full-stack ML pipelines with 13+ shipped projects including 6+ autonomous AI agents.

EDUCATION

University of Management & Technology (UMT), Lahore

Oct 2023 — Present

BS Artificial Intelligence | 6th Semester | CGPA: 3.81/4.00

- 70% Merit Scholarship awarded based on academic performance
- Dean's Award — top 10% SGPA in the AI department

Punjab Group of Colleges (PGC), Lahore

Sep 2021 — Jun 2023

FSc Pre-Medical | 970/1100 (88.2%) | 50% Merit Scholarship

Matric (Science)

Jun 2019 — Jun 2021

1085/1100 (98.6%) | Biology (A+), Chemistry (A+), Physics (A+)

PROFESSIONAL DEVELOPMENT

Panaversity - Agentic AI Program | Q1 (In Progress)

Learning: Agentic AI, Claude Code, Tool Integration, MCP

Focus: Foundational agentic patterns and advanced agent design

PROJECTS

Personal AI Employee

github.com/omerfarooq223/personal-ai-employee

MCP | Gmail API | Automation

- Built an autonomous assistant for Gmail monitoring with a reasoning loop and human-in-the-loop approvals.
- Used MCP-style tooling to connect real services with safe, reviewable actions and LinkedIn-ready outputs.

Career-Pilot Agent

github.com/omerfarooq223/CareerPilot-Agent

FastAPI | Groq | MCP | SQLite | GitHub Actions

- Developed a modular agentic workflow that audits code, suggests gap-filling projects and tracks hirability signals.
- Integrated FastAPI, SQLite and Daemon Agent for a production-style agent stack with scheduled runs.

Parking Detection System

github.com/omerfarooq223/parking-detection-system

Machine Learning | OpenCV | Image Processing

- Developed a computer vision pipeline that monitors parking lots and classifies occupied vs vacant slots.
- Applied image preprocessing, contour detection and occupancy classification for live or recorded footage.

Auto-Grader Agent

github.com/omerfarooq223/AutoGrader-Agent

Python | Groq LLaMA 3.3 | PyMuPDF | openpyxl

- Built an AI agent that takes assignment ZIPs, auto-generates rubrics and produces per-student feedback.
- Integrated plagiarism detection across submissions and outputs styled Excel reports with color-coded scoring.

Urdu-Planner Agent

github.com/omerfarooq223/UrduPlanner-Agent

Python | Groq | python-docx | NLP

- AI-powered Urdu lesson planner that generates Word documents from textbook PDFs with OCR and RTL handling.
- Handled end-to-end document generation for educators using Groq and structured prompting.

Auto-Research Agent

github.com/omerfarooq223/autoresearch-agent

Python | Groq | Tavily | PDF

- Built an autonomous research agent that searches the web and generates professional PDF reports.
- Automated source gathering and structured report generation for fast, repeatable research workflows.

Language Recognition Classifier

github.com/omerfarooq223/language-recognition-logistic-regression

Python | Scikit-learn | Jupyter | NLP

- Engineered a logistic regression classifier to identify languages from raw text with custom features.

Jira-Slack Integration

github.com/omerfarooq223/n8n-jira-slack

n8n | Jira | Slack | REST APIs

- Implemented n8n workflows connecting Jira and Slack for automated notifications and tighter issue tracking.
- Streamlined team communication with reliable API-driven automation.

EXPERIENCE

UMT — Peer Tutoring

Mar 2025 — Jul 2025

Academic Tutor | Lahore, Pakistan

- Tutored peers across multiple AI and programming subjects, helping students improve grades and grasp complex concepts through adaptive teaching methods.

Customer Services & Operations Roles | Nov 2024 — Sep 2024 (Remote & Lahore)

- Shopify Store (Nov 2024–Jan 2025): Resolved customer inquiries, managed shipments
- Grasp Solutions (Jun–Sep 2024): Managed high-volume client interactions in taxi dispatch
- SMZ Dispatch (Feb–Apr 2024): Cross-cultural coordination with US-based teams

TECHNICAL SKILLS

AI & ML: LLM Integration (Groq, LLaMA) | Agentic AI Architecture | Machine Learning | Computer Vision (OpenCV, YOLO) | NLP & Text Classification | Scikit-learn

Languages: Python (Advanced) | C++ | SQL | HTML / CSS / JavaScript

Tools: n8n Workflow Automation | Git / GitHub | PyMuPDF | openpyxl | python-docx | Jupyter | VS Code

ADDITIONAL

Languages: Urdu (Native) | English (Advanced) | Turkish (Basic)

Interests: Competitive Programming (LeetCode) | Open-source AI projects | Agentic AI development