

Muhammad Minhaj

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PROFESSIONAL SUMMARY

Emerging AI and Software Developer with expertise in Python development, Agentic AI, and Prompt Engineering. Currently advancing skills in cutting-edge AI technologies including robotic AI systems and autonomous agents. Passionate about leveraging AI to solve complex problems and build innovative solutions. Strong foundation in computer science with hands-on experience in AI application development.

EDUCATION

PIAIC (Presidential Initiative for Artificial Intelligence & Computing) <i>Agentic & Robotic AI Program</i>	Karachi, Pakistan <i>Jan 2025 – Nov 2026</i>
<ul style="list-style-type: none">Specialized training in autonomous AI agents, multi-agent systems, and robotic AI applicationsFocus areas: LangChain, LangGraph, CrewAI, AutoGen, and advanced prompt engineering techniquesHands-on projects in building production-ready AI agents and automation systems	
PECHS Education Foundation Government Science Degree College <i>Intermediate in Computer Science</i>	Karachi, Pakistan <i>Aug 2025 – Jun 2027</i>
<ul style="list-style-type: none">Core coursework: Data Structures, Algorithms, Object-Oriented Programming, Database Systems	

EXPERIENCE

Python Developer <i>PIAIC</i>	Aug 2025 – Present <i>Pakistan</i>
<ul style="list-style-type: none">Develop and deploy AI-powered applications using Python, focusing on agentic AI systems and automationBuild intelligent agents using pythonImplement prompt engineering best practices to optimize large language model performance and reliabilityCollaborate on AI projects utilizing Jupyter Notebooks for rapid prototyping and data analysis	

TECHNICAL SKILLS

Programming Languages: Python (Advanced), JavaScript, SQL, HTML/CSS
Developer Tools: Git, GitHub, Jupyter Notebook, VS Code, Linux/Unix
Frameworks & Libraries: FastAPI, Flask, Pandas, NumPy
Design & Visualization: Canva, Nano banana, Veo 3, UX pilot
Soft Skills: Problem Solving, Team Collaboration, Agile Methodologies, Technical Documentation

KEY PROJECTS

Agentic AI Automation System <i>Python, LangChain, OpenAI API</i>	2025
<ul style="list-style-type: none">Built autonomous multi-agent system capable of task decomposition, planning, and executionImplemented ReAct and Chain-of-Thought prompting patterns for enhanced reasoning capabilitiesAchieved 40% improvement in task completion accuracy through optimized prompt engineering	
Personal Portfolio Website <i>HTML, CSS, Javascript, Python, FastAPI, Vercel</i>	2024
<ul style="list-style-type: none">Designed and deployed responsive portfolio showcasing projects with modern web technologiesImplemented SEO optimization and performance best practices achieving 95+ Lighthouse scoresIntegrated contact forms and analytics for visitor engagement tracking	

ACHIEVEMENTS & ACTIVITIES

PIAIC Scholarship Recipient – Selected for competitive AI program based on aptitude and potential
Active Open Source Contributor – Contributing to AI/ML repositories and documentation on GitHub
Tech Community Engagement – Participate in AI hackathons, workshops, and developer meetups
Continuous Learning – Actively pursuing certifications in Cloud Computing and Advanced AI concepts