

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 Jan 2025 – Nov 2026
• Specialized training in autonomous AI agents, multi-agent systems, and robotic AI applications • Focus areas: LangChain, LangGraph, CrewAI, AutoGen, and advanced prompt engineering techniques • Hands-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 Aug 2025 – Jun 2027
• Core coursework: Data Structures, Algorithms, Object-Oriented Programming, Database Systems	

EXPERIENCE

Python Developer <i>PIAIC</i>	Aug 2025 – Present
• Develop and deploy AI-powered applications using Python, focusing on agentic AI systems and automation • Build intelligent agents using python • Implement prompt engineering best practices to optimize large language model performance and reliability • Collaborate on AI projects utilizing Jupyter Notebooks for rapid prototyping and data analysis	Pakistan

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
• Built autonomous multi-agent system capable of task decomposition, planning, and execution • Implemented ReAct and Chain-of-Thought prompting patterns for enhanced reasoning capabilities • Achieved 40% improvement in task completion accuracy through optimized prompt engineering	
Personal Portfolio Website <i>HTML, CSS, Javascript, Python, FastAPI, Vercel</i>	2024
• Designed and deployed responsive portfolio showcasing projects with modern web technologies • Implemented SEO optimization and performance best practices achieving 95+ Lighthouse scores • Integrated 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