

Hassan Ahmed

FULL STACK MERN DEVELOPER AND AGENTIC AI & CLOUD NATIVE ENGINEER

PROFESSIONAL SUMMARY

BS Computer Science student and Full Stack MERN Developer, advancing in Agentic AI & Cloud Native technologies through PIAIC/Panaversity (up to Quarter 4). Skilled in full-stack applications, Generative AI, LangChain, CrewAI, OpenAI SDK integration, MCP(Model Context Protocol), Dapr and Kubernetes concepts. Strong problem-solving and mentoring experience as a Teacher Assistant in Data Structures, Linux, and Parallel & Distributed Computing. Passionate about becoming an Agentic AI Cloud Native Developer, building scalable, AI-driven solutions for real-world problems.

Phone:

+92 330 5952439

Email:

hassanahmed03305@gmail.com

github.com/pforprogrammer

linkedin.com/in/pforprogrammer

TECHNICAL SKILLS

- **Frontend:** React.js, Next.js, Tailwind CSS, HTML5, CSS3, JavaScript
 - **Backend:** Node.js, Express.js, REST APIs, MongoDB, Oracle SQL
 - **AI/Cloud:** Generative AI, LangGraph, CrewAI, LangChain, Prompt Engineering, OpenAI Agent SDK, MCP, Kubernetes & Docker, Spec-kit, Gemini-CLI, Claude-Code etc
 - **Programming:** C++, Python, JavaScript,
 - **Tools & Technologies:** Git & GitHub, VS Code, UV, Cursor, Postman, Streamlit, Docker
 - **No Code/Low Code:** n8n for workflows automations, Agent Kit, Loveable, etc
-

EXPERIENCE

Full Stack Developer – Projects

- Built MERN project “E-Bazar” (FYP) with authentication, APIs, and MongoDB.
- Develop Complete project including Backend and modern UI with React.js & Tailwind CSS.

AI Developer (Trainee) – PIAIC | 2023 – Present

- Developed prototypes with LangGraph, LangChain, CrewAI.
- Applied prompt engineering, fine-tuning, and SDK integration.

Teacher Assistant – F.G. Sir Syed College | 2023 – 2025

- Assisted in DSA, Linux OS Lab, and Parallel & Distributed Computing.
 - Mentored students in labs, projects, and technical problem-solving.
-

EDUCATION

BS Computer Science (2021 – 2025)

F.G. Sir Syed College, Affiliated with University of the Punjab

ICS in Computer Science (2019 – 2021)

Govt. Associate College, Rawalpindi (74%)

PIAIC – Presidential Initiative for Artificial Intelligence & Computing

(Currently in Quarter 4, Ongoing)

- **Courses:** Modern Python, Generative AI, LangGraph, CrewAI, LangChain, Prompt Engineering, OpenAI Agent SDK, MCP, Functional APIs, Fast API's, Kubernetes, Microservices, CI/CD, etc.
-

PROJECTS

- E-Bazar - A full stack multi-vendor Final Year project
 - Email Automation Agent - (Agentic AI), AI Blogs website (Generative AI) etc.
 - Dental Clinic Appointment Management Automation, Email Newsletter Automation – by n8n
-