Syeda Sabahat Shakeel

Role : Agentic AI Engineer

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Professional Summary

AI Engineer & Agentic AI Architect specializing in LLM integration, AI workflow design, and context-driven prompt optimization. Expert in fine-tuning, multi-agent orchestration, and AI system architecture using OpenAI SDK, N8N automation, and Python backend engineering. Experienced in AI Agent Orchestration, Developing AI Chatbots, Backend, and Automation pipelines using modular, production-ready designs.

Core Competencies

• LLM Integration & Context Engineering
• AI Architecture & Workflow Design
• Prompt Engineering & Optimization
• AI Prototyping & Application Development
• Backend AI Engineering
• Automation & Integration

Technical Stack

Python, TypeScript, JavaScript | FastAPI, Next.js, Chainlit | OpenAI Agents SDK, N8N, LangChain, Gemini | PostgreSQL, Supabase | REST APIs, Webhooks | VS Code, Cursor, GitHub, Vibe-Coder | Tailwind CSS, Lovable React

Projects & Achievements

• AI Email Management Agent – Built 3-tier architecture using OpenAI SDK with stateless agents & CronJobs.
• Agentic Chatbot SaaS – FastAPI backend + Streamlit frontend with multi-agent orchestration.
• AI Automation via N8N – Automated LLM workflows (data fetch, PDF parsing, webhooks).
• AI Web Apps with Contextual Agents – Built Chainlit-based LLM-integrated chatbots.

Education

Panaversity – Specialization in Agentic AI Engineering
Intermediate – A1 Grade