

Syeda Sabahat Shakeel

Full Stack AI Developer | AI Chatbot Expert

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Professional Summary

Full Stack AI Enable Developer with strong experience in designing, building, and deploying intelligent, production-ready AI systems. Specialized in Agentic AI, LLM integration, multi-agent orchestration, and AI-driven automation. Proven expertise in developing scalable AI chatbots, backend APIs, and workflow automation using Python, FastAPI, OpenAI Agents SDK, and n8n. Adept at delivering end-to-end AI-powered web applications with modern frontend frameworks and robust backend architectures.

Core Competencies

- Full Stack AI Application Development
- AI Chatbot Design and Development
- Agentic AI and Multi-Agent Orchestration
- LLM Integration and Context Engineering
- Prompt Engineering and Optimization
- Backend AI Engineering (APIs and Services)
- Automation and Workflow Orchestration
- AI System Architecture and Deployment

Technical Skills

- Programming Languages: Python, TypeScript, JavaScript
- Backend Frameworks: FastAPI, Open AI Agents
- Frontend Frameworks: Next.js, Streamlit, Chainlit
- AI and LLM Tools: OpenAI Agents SDK, AgentKit, Gemini CLI, Claude CLI
- Automation and Workflows: n8n
- Databases: MongoDB, Supabase
- APIs and Integrations: REST APIs, Webhooks
- Developer Tools: GitHub, VS Code, Cursor
- UI and Styling: Tailwind CSS, Lovable React
- Authentication: OAuth2

Projects and Experience

Todo Full-Stack Web Application

This full-stack Todo application integrates an AI-powered chatbot to create an intelligent task management experience, using a FastAPI backend with OpenAI Agent SDK for natural language task creation, updating, and deletion, while a Next.js frontend ensures real-time UI rendering, clean state management, and seamless user interaction through a modern, scalable, and production-ready architecture.

Streaming Events App

This application is fully authenticated, securely manages its database, and ensures reliable user access. It delivers fast content delivery for music, live events, and video streaming with high performance. A premium platform experience designed for high-quality media and seamless user engagement.

Physical AI and Humanoid AI Book

This Docusaurus project presents a comprehensive book on Physical AI and Humanoid AI, designed with a clean,

scalable documentation architecture. It integrates an intelligent RAG-based chatbot to enable contextual question answering directly from the book's knowledge base.

Experience

2 Years

Education

Current: Panaversity – Specialization in Agentic AI Engineering

Intermediate Education – A1 Grade