

# Syeda Sabahat Shakeel

Full Stack AI Developer | AI Chatbot Expert

Karachi, Pakistan

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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