

MARYAM SAFDAR

Cloud-Native Generative AI Engineer



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Summary

Versatile **Cloud-Native Generative AI Engineer** with over 1 year of experience in developing and deploying **web applications, AI-based solutions and LLM-powered applications**. Proficient in multiple programming languages, Strong problem-solving skills, and ability to work effectively in a team-based environment. Adept at leveraging **cloud-native** architectures and scalable technologies to deliver efficient, user-centered applications.

Skills

- **Programming Languages & Frameworks:** HTML, CSS, JavaScript, TypeScript, React.js, Next.js, Python
- **Cloud & AI Tools:** LangChain, LangGraph, Streamlit, Docker, SQLModel, FastAPI, Large Language Models (LLMs)
- **Cloud-Native Development:** Microservices, Containerization, Cloud Deployment
- **Core Skills:** Generative AI Project Development, Full Stack Development, API Development, Real-Time Data Integration, Responsive Web Design, User Authentication

Work Experience

Cloud-Native Generative AI Engineer

Freelance / Personal Projects

2023 – 2024

- **AI Book Generator Agent:** Created a generative AI agent for book recommendations and summaries, using LangChain and Streamlit to enhance user engagement and content personalization. [LinkedIn](#) [GitHub](#)
- **Customer Support Agent:** Developed a generative AI agent to handle customer inquiries, leveraging LangGraph and Python to streamline customer service. [GitHub](#)
- **Travel Planner with AI:** Designed a travel planner agent that generates custom itineraries based on user preferences, integrating LangChain and Streamlit for a responsive, intuitive experience. [LinkedIn](#) [GitHub](#)
- **AI Weather Agent:** Built a real-time weather agent using Python, Langchain and LangGraph, delivering accurate forecasts and updates through a seamless cloud-native interface. [GitHub](#)

Web Based Projects

2023-2024

- **E-commerce Site:** Created a fashion catalog with user login, shopping cart, and payment integration using Next.js, React, and DaisyUI. [LinkedIn](#) [GitHub](#)
- **Multi-user To-Do API:** Developed a robust task management system with Python, SQLModel, FastAPI, and Docker for collaborative functionality. [GitHub](#)
- **Portfolio Website:** Built a fully responsive and animation-rich portfolio using Next.js, Framer Motion, and TailwindCSS. [LinkedIn](#) [GitHub](#)

Education

Bachelor of Science in Computer Science

Lahore College For Women University

2021-2025

Certifications

Panaversity

Cloud-Native Generative AI Engineer

University Of Management and Technology

2023-2024