

Sayeri Biswas

AI engineer

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SUMMARY

Agentic AI Engineer and Technology Analyst with experience building enterprise AI applications. Specialized in multi-agent orchestration, Retrieval-Augmented Generation (RAG), and production deployments. Proven expertise in leveraging Azure cloud infrastructure, Python, and advanced AI frameworks.

EXPERIENCE

Technology Analyst

Infosys Limited

Jan 2022 – Present

- Built an enterprise EDI AI Assistant and Digital Brain supporting EDI SDLC workflows and enterprise knowledge retrieval using LangChain/LangGraph multi-agent orchestration, MCP-based tool integration, and workflow execution.
- Designed multi-agent workflows, built MCP-based tooling, enterprise RAG pipelines, and AI application services using Python and FastAPI.
- Implemented guardrails, security controls, AI observability, and evaluation frameworks for enterprise workloads.
- Designed, deployed, and maintained enterprise AI workloads using Azure, Kubernetes, Docker, and CI/CD pipelines.

EDUCATION

RCC Institute of Information Technology · Bachelor of Technology (B.Tech) · 2020

SKILLS

Languages and Frameworks: Async Python, Python, SQL, FastAPI, LangChain, LangGraph, Pydantic

Databases: Vector Databases

Tools: Agent Evaluation, Agent Loops, Agent Orchestration, Agent State Management, AI Memory, AI/LLM Evaluation, Azure AI Search, Azure Container Registry, Azure Functions, Azure Key Vault, Azure Kubernetes Service (AKS), Azure Monitor/Application Insights, Azure OpenAI, Azure Storage, CI/CD, Conditional Routing, Context Engineering, Contextual Grounding, Custom MCP Tools, Database Integration, Docker, Document Chunking, Embeddings, Enterprise API Integration, Exception Handling, Failure Recovery, Function Calling, Git, Helm, Human-in-the-Loop, Hybrid Retrieval, Input Validation, Jenkins, JSON, Kubernetes, Langfuse, Logging, MCP, MCP Clients, MCP Servers, Metadata Filtering, Microsoft Azure, Model Context Protocol (MCP), Multi-Agent Architecture, Multi-agent orchestration, Multi-Agent Systems, Octopus Deploy, OpenTelemetry, Planning/Replanning, Production Deployment, Prompt Engineering, Prompt/Model Versioning, Query Transformation, RAG, RAG Security, Regression Testing, Reranking, REST APIs, Retries, Retrieval Evaluation, Retrieval-Augmented Generation (RAG), Semantic Search, Sequential/Parallel Workflows, Structured Outputs, Testing, Timeouts, Tool Calling, Tool Discovery, Tool Integration, Tool Nodes, Tool Permissions/Authorization

PROJECTS

Automated Enterprise Request Processing

Automated enterprise request processing using LLM-based classification, extraction, summarization, and workflow automation. Automated enterprise request processing workflows using LLM-based classification, extraction, and summarization techniques.
LLM

AWARDS

Infosys INSTA Award, Infosys Certified Agentic AI Professional, Infosys Certified Python Associate