Aniket Basu

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Associate Developer – Generative AI (LLMs & Agentic Systems)   Kolkata, India

WORK EXPERIENCE

INNOFIED SOLUTIONS PRIVATE LIMITED | Associate Developer – Generative AI

Oct 2023 – Present | Kolkata, India

- **syntell.ai — Autonomous Voice Agent Platform** — Contributed to AI voice agents for lead generation, appointment booking, and customer support. Built real-time STT–LLM–TTS pipelines using OpenAI, FastAPI, WebSockets, Twilio, and ElevenLabs; supported prompt engineering and post-call analytics including summaries, sentiment, and intent extraction.

- **AI Card Generator Agent** — Supported development of a chat-based AI system for step-by-step digital business card creation with real-time preview sync; implemented deterministic state handling, undo/skip logic, image uploads, and API-first backend for web and mobile clients.

- **Agentic RAG Systems** — Built and supported multi-step agent workflows using LangChain and LangGraph; implemented Retrieval-Augmented Generation (RAG) pipelines with Chroma and Pinecone for semantic search and document-based Q&A.

- **Open-Source LLM Integration** — Integrated open-source LLMs using HuggingFace and performed lightweight LoRA fine-tuning to adapt models for domain-specific use cases and improved response consistency.

- **API & Cloud Exposure** — Developed RESTful APIs and webhook integrations for LLM-powered systems; gained hands-on experience deploying cloud-hosted GenAI services on AWS with foundational CI/CD exposure.

- **Collaboration & Delivery** — Collaborated with senior engineers, product managers, and stakeholders to refine conversational flows, edge cases, and success metrics, translating business needs into scalable GenAI solutions.

SUMMARY

Generative AI Associate with 2+ years of experience supporting the development of LLM-powered applications, chatbots, and agentic systems. Hands-on experience in prompt engineering, REST API integration, RAG pipelines, and cloud-hosted deployments, delivering value-driven AI solutions in fast-paced environments.

SKILLS

Programming: Python, JavaScript

Generative AI & LLMs: Prompt Engineering, Agentic AI, LangChain, LangGraph

APIs & Backend: FastAPI, Express.js, REST APIs, Webhooks

RAG & NLP: RAG Pipelines, Semantic Search, Chroma, Pinecone

Cloud & DevOps: AWS, Docker, CI/CD (Foundational)

Version Control: Git, GitHub Workflows

Voice AI: Twilio, ElevenLabs, WebSockets

Databases: MongoDB, MySQL

EDUCATION

TECHNO INDIA UNIVERSITY B.Tech in Computer Science & Engineering

2019 – 2023 | Kolkata, India
CGPA: 8.22 / 10.0

LANGUAGES

English • Bengali • Hindi