

PROFESSIONAL EXPERIENCE

- Pluto Money

May 2025 – Present

Bengaluru, India

Software Development Engineer – Generative AI

- Engineered Lifafa, an AI-powered backend built using Agno, FastAPI, GPT-4, Qdrant, and Mem0 to provide **real-time, statistical and procedural insights** from Gmail using Retrieval-Augmented Generation (RAG) and long-term memory.
 - Developed Lifafa, a cross-platform email assistant app using React Native, Expo, and TanStack Query with offline-first support, 60fps animations, and real-time **WebSocket-based AI chat**, enabling natural conversations with inbox data.
 - Designed a **multi-agent query pipeline** to analyze user intent, retrieve semantic matches via Qdrant, and synthesize personalized summaries through GPT-4, reducing email search effort by **>80%**.
 - Achieved **scalable async architecture** with token-streamed responses, background Gmail sync (OAuth2, APScheduler), and modular microservices deployed securely on **AWS EC2**.
- HashedIn by Deloitte

Jan 2025 – Apr 2025

Bengaluru, India

Software Engineer Intern

- Built an **AI-based code generator** using LangChain, LangGraph, and AutoGen to convert **PDFs and dashboard images** into dynamic Angular apps — cutting coding time by **70%**.
 - Developed secure .NET APIs with role-based access, managing **500+ records** and improving efficiency by **50%**.
 - Optimized backend architecture using Python, Angular, ASP.NET, and GenAI tools — reducing latency and **downtime by 10%**.

PROJECTS

- Lifafa – AI-Powered Email Intelligence Platform

Product-Demo

Tools: [Agno, FastAPI, Mem0, Qdrant, React Native, Expo, WebSockets, MongoDB, AWS EC2]

- Conceived, architected, and built “Lifafa” **end-to-end** — a production-grade AI product that transforms a user’s Gmail inbox into an intelligent, queryable knowledge base powered by Retrieval-Augmented Generation (RAG) and long-term memory.
 - Engineered **Chronos, the GenAI backend**, using FastAPI, OpenAI GPT-4, Qdrant (vector search), and Mem0 (agentic memory) to deliver highly contextual, real-time, token-streamed answers to natural language queries — with **<2s latency** for 1000+ concurrent users.
 - Developed Lifafa’s **cross-platform frontend** in React Native + Expo with offline-first support, glassmorphism UI, and WebSocket-powered AI chat — enabling seamless inbox conversations and reducing Gmail API dependency by over 80%.
 - Designed a **dual-memory system + multi-agent query pipeline** via Agno framework to semantically embed, prioritize, and synthesize user data — delivering descriptive, procedural, and statistical insights like: “Summarize rent-related transactions from last quarter.”
- GenAI Code Automator: [AI-driven Code Generator and RAG System]

Demo

Tools: [LangChain, LangGraph, LLMs, RAG, Vector DBs, Angular, Docker, Git, Node.js, Python]

- Built **multi-agent system** using LangChain + LangGraph to **automate Angular setup**, Dockerfile config, and README generation — **cutting dev time by 70%**.
 - Enabled **live code generation** via LangChain + AutoGen, **reducing manual edits by 50%**.
 - Integrated **RAG on PDFs + APIs**, **boosting accuracy by 40%**.
- Destinex: [Next-Gen Travel Planner & Feedback System]

Demo

Tools: [ReactJS, C++, Node.js, MongoDB, ExpressJS, Stripe API, Docker, REST API, CI/CD]

- Serves **100+ itineraries** with **sub-50ms MongoDB queries**, helping **1K+ users** plan trips instantly.
 - Handles **10K+ bookings/month** and **5K+ reviews** with secure **Stripe + sentiment engine**, maintaining **4.8 avg. rating**.

SKILLS

- Programming Languages & Algorithms**: [C++, Python, JavaScript, TypeScript, SQL, MySQL, **Data Structures & Algorithms**]
 - System Design & Architecture**: [System Design, HLD, LLD, Microservices, RESTful Architecture]
 - AI & GenAI Stack**: [Agno, OpenAI (GPT-4), Mem0 (long-term memory), Qdrant (vector DB), Langchain, FastAPI, HuggingFace Transformers,

- Retrieval-Augmented Generation (RAG)]
 - Backend & APIs**: [Node.js, MongoDB, REST APIs, OAuth 2.0, WebSockets, JWT Authentication]
 - Frontend Technologies**: [ReactJS, Next.js, HTML5, CSS3, TanStack Query]
 - DevOps & Tools**: [Docker, Git, GitHub, CI/CD, Redis, Postman, AWS EC2, Power BI, MS Excel]

EDUCATION

- Birla Institute of Technology, Mesra

Bachelor of Technology, Computer Science Engineering

CGPA: 8.01/10

Ranchi, Jharkhand

Aug 2021 – May 2025

AWARDS & ACHIEVEMENTS

- DSA**: 1100+ problems, 1600+ rated, Global Top 7.8% (Leetcode, Codeforces, CodeChef)
 - Winner – SIH 2023**: 1st of 50+ teams (Legal-Guru: chatbot + legal portal)