

Atithi Jaiman

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Education

Indian Institute of Information Technology, Dharwad

Dharwad, Karnataka

B.Tech in Computer Science & Engineering | **CGPA: 8.05**

2023 – 2027

Experience

Trivion Technologies

May 2026 – Jul 2026

Full Stack AI Engineer Intern

- Integrated the **LLM API** to convert transcripts into LinkedIn posts with automated content generation.
- Built the media pipeline extracting audio via **FFmpeg** and integrating **Deepgram's API** for STT transcription.
- Developed a background automation worker that supports Cron-triggered and manual sync, eliminates duplicate Reel processing, and dispatches scheduled LinkedIn posts.

Projects

NEXA - AI Agent | [GitHub](#)

Apr 2026 – Jun 2026

Tech: Python, LangChain, LangGraph, Ollama, Qdrant, Playwright, PyAutoGUI

- Architected a **modular 5-layer agent framework** using LangGraph, enabling reliable execution of multi-step tasks.
- Built a **unified UI observation engine** using Playwright and Windows UI Automation APIs to extract structured interface state in real time.
- Integrated **RAG** with **Qdrant vector storage** to ground responses in user documents and prior interactions.
- Designed a tool orchestration layer for browser, desktop, filesystem, and web search actions.

Backend Monitoring System | [GitHub](#)

Jan 2026 – Mar 2026

Tech: Node.js, Express.js, PostgreSQL, Prisma, Docker, RabbitMQ, Jenkins, AWS

- Built a **plug-and-play monitoring SDK** that asynchronously captures **request and system metrics** with minimal latency overhead.
- Designed a **RabbitMQ-based ingestion pipeline** with worker services for reliable high-volume event processing.
- Implemented a **threshold-based alert engine** for latency spikes and error rates with real-time Slack notifications.
- Automated deployment of containerized services to **AWS** using **Docker** and **Jenkins CI/CD**.

TradeInCase - Trading Simulator | [GitHub](#)

Oct 2025 – Dec 2025

Tech: React, Express, WebSocket, PostgreSQL, Redis, Docker, Azure

- Built a **real-time virtual trading platform** with live buy/sell execution, order management, and portfolio tracking using WebSocket for sub-second price updates.
- Leveraged **Redis for in-memory limit order storage**, enabling low-latency price comparison and instant execution logic.
- Implemented a **CI/CD pipeline on Azure VM** with **Docker** to automate build and deployment workflows.

Skills

Languages: C++, Python, JavaScript, TypeScript

Frameworks & APIs: Node.js, Express.js, React, LangChain, LangGraph, REST APIs

Databases: PostgreSQL, MongoDB, Redis, Qdrant

AI & Automation: Ollama, RAG, LLM Agents, PyWinAuto

DevOps & Cloud: Docker, Jenkins, CI/CD, RabbitMQ, AWS, Azure

Tools: Git, GitHub, Postman, Jest, Prisma, WebSocket

Achievements

- **LeetCode Knight** with a contest rating of **1850+**, ranking among the **top 5%** of competitors.
- **CodeChef 3★** with a peak contest rating of **1665**.
- Certified in **AWS Educate Cloud 101**, validating foundational AWS cloud knowledge.