SATYAJIT SAHOO

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LinkedIn: *https://www.linkedin.com/in/satyajit-sahoo*   **Portfolio**: *https://my-portfolio-steel-ten-91.vercel.app/* **GitHub** : *https://github.com/Satyajit-69*

❖ SUMMARY

Computer Science student with hands-on experience in Full-Stack Development, Generative AI, RAG-based systems, and strong problem-solving skills. Built and deployed scalable AI-driven and real-time applications using MERN stack , Docker ,CI/CD and cloud platforms .Open to full-time and internship opportunities .

❖ EDUCATION

Utkal University , Radhanath Rath Vigyan Degree Mahavidyalaya	CGPA: **8.7** (Second Year)
Bachelor of Science in **Computer Science**, Minor in Physics (Current Status : 3rd Year)	**Aug 2023 – Mar 2026**

❖ PROJECTS

❖ AI Library – Modular Agentic AI Framework

Tech: Python, Fast APIs, Lang Graph, Gemini/OpenAI API, Neo4j, MongoDB, Docker

1. Developed a **modular agentic AI framework** supporting **3+ agent types** (chat, voice, memory-enabled) with reusable components.
2. Architected **Lang Graph-based orchestration** enabling **multi-step reasoning, tool usage**, and **5+ chained workflows**.
3. Established **containerized backend services** with pluggable LLM providers, reducing deployment issues by **~60%** using Docker.

❖ Stock Mates – Stock Trading & Investor Networking Platform

Tech: React.js, Node.js, Express.js, MongoDB, JWT, OAuth 2.0, REST APIs

1. Built a real-time stock trading simulation platform handling **100+ simulated trades/day** with live price updates.
2. Developed investor networking features enabling **real-time discussions** across **5+ market-focused groups**.
3. Implemented backend trade lifecycle management with **10+ REST APIs** for order validation and transaction history

🔗 *https://stock-trading-platform-ochre.vercel.app/*

❖ Meena GPT – AI Chat Application

Tech: React.js, Node.js, Express.js, MongoDB, Groq

1. Refactored the full-stack architecture, reducing code complexity by **~25%** across **10+ modules**.
2. Executed **8+ RESTful APIs** with MongoDB-backed chat history for scalable data management.
3. Deployed on **Render** , cutting deployment time from **10 minutes to under 2 minutes**.

🔗 *https://meena-gpt.vercel.app/*

❖ Confer-X Video Conferencing Platform

Tech: React.js, Node.js, Express.js, MongoDB, Web Sockets, REST APIs

1. Engineered a real-time video conferencing platform handling **20–50 concurrent users** with AI-driven transcription and summarization.
2. Integrated **Generative AI pipelines** to produce meeting notes, action items, and sentiment insights with **<5s latency**.
3. Implemented a **scalable WebRTC + Socket.io backend** supporting **multiple concurrent rooms** with low-latency signaling.

🔗 *https://video-conferencing-platform-nine.vercel.app/*

❖ SKILLS

- **Languages:** Java, Python, JavaScript
- **Frontend:** React.js, HTML, CSS, Tailwind CSS, Material UI, Bootstrap
- **Backend:** Node.js, Express.js, FastAPI, REST APIs
- **Databases:** MongoDB, MySQL , Vector DBs (Qdrant)
- **DevOps & Cloud:** Docker, Kubernetes, CI/CD ,GitHub Actions , AWS , Render , Vercel
- **AI & Gen AI:** LLMs (OpenAI, Gemini), RAG Systems , Agentic AI , LangGraph , Prompt Engineering
- **Core CS :** DSA , OS , DBMS , Computer Networks

❖ ACHIEVEMENTS

- Achieved global rank 1421 among 20,000+ participants in a weekly LeetCode contest.
- Solved 500+ DSA problems across LeetCode and GeeksforGeeks.
- Cleared multiple HackerRank skill certifications, demonstrating strong programming proficiency.
- Certified in Full Stack Development , DSA ,and Generative & Agentic AI .

❖ CODING PROFILES

- **Leet Code** : *https://leetcode.com/u/SATYAJIT-SAHOO/*
- **GeeksforGeeks** : *https://www.geeksforgeeks.org/user/satayajitsaf4tx/*