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Experience

• Tata Global Micro Internships Program — Goldman Sachs

December 2024

Assessed IT security by cracking passwords with Hashcat to identify password vulnerabilities and outdated hashing algorithms, and proposed stronger password policies and secure hashing algorithms. [certificate](#)

Education

B.Tech, Vishwakarma Institute of Technology

Pune, India

CGPA: 8.08

Projects

• AgentOps [Link](#)

- Developing an automated Code Reviewer Agent that analyzes every Merge Request using GitLab CI/CD.
- Integrating Python-based linting and security checks to produce intelligent, real-time review feedback via the GitLab API.
- Designing a scalable DevOps pipeline using YAML, automated workflows, and API-driven reporting for future advanced rule-based reviews.

• BizGenie – AI-Powered Business Automation Platform [Link](#)

- Engineered an end-to-end system using FastAPI, LangGraph, and a RAG pipeline to deliver intelligent chat automation for small businesses.
- Integrated MCP tools enabling automated confirmations, updates, and appointment actions directly through the agent.
- Built a responsive React+TypeScript frontend and scalable backend; the project is actively evolving with expanded automation capabilities.

• Multithreaded Web Server [Link](#)

- Developed a high-performance web server in Java that supports Single-Threaded, Multithreaded, and Thread Pool architectures.
- Optimized to handle multiple simultaneous client requests using socket programming techniques.
- Built with scalability in mind, incorporating load balancing to manage high-traffic scenarios effectively.

• LLM Observability Dashboard [Link](#)

- Engineered a FastAPI backend with authentication to log, store, and export LLM agent traces to local and cloud endpoints.
- Developed a frontend dashboard using Chart.js and vanilla JavaScript for real-time visualization of agent metrics, automated alerts, and A/B testing comparisons.
- Architected a modular system featuring SQLite database integration, robust CRUD operations, and configurable trace monitoring for enhanced developer observability.

Skills

Languages: Python, Java, JavaScript, HTML, CSS, TypeScript

AI/ML: Agentic AI systems, LangGraph, LangChain, Prompt Engineering, RAG Pipelines, GPT, LLaMA, Lightweight LLMs.

Web Development: Node.js, Express.js, React.js, Tailwind CSS,

Database: MongoDB, MySQL

DevOps Tools: Git, GitHub, Gitlab CI/CD, Docker, Jenkins, Kubernetes, AWS/Azure, GCP, Linting(Flake8)

Concepts: OOP (Object-Oriented Programming), Data Modeling (Relational and Dimensional), REST APIs, FAST APIs, OAuth 2.0, OpenID connect

Tools: Figma, Tableau (Visualization Concepts), Linux (Fedora)

Soft Skills: Strong problem-solving, Team collaboration, Quick adaptability, Fast learner
