

EDUCATION

Vellore Institute of Technology <i>Bachelor of Technology in Computer Science and Engineering – CGPA: 8.6/10</i>	Chennai, Tamil Nadu <i>Aug 2021 – Apr 2025</i>
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EXPERIENCE

Infosys Limited <i>Digital Specialist Engineer</i> - Developed Agentic AI applications using LangChain and LangGraph, implementing multi-agent workflows, tool calling, memory, RAG pipelines, and human-in-the-loop interactions - Built AI-powered applications using Python, LLMs, vector databases, REST APIs, and prompt engineering, following Agile development practices and Git-based version control	Apr 2026 – Present <i>Mysore, Karnataka</i>
Undergraduate Research Assistant <i>Vellore Institute of Technology</i> - Conducted Undergraduate research on computer vision and deep learning for animal classification, benchmarking ResNet50, VGG16, InceptionV3, and EfficientNetB0 to wildlife and domestic animal classification - Performed dataset preprocessing, model training, hyperparameter optimization, and comparative performance analysis achieving 87% classification accuracy and contributing to research documentation and model evaluation	Sep 2024 – Apr 2025 <i>Chennai, Tamil Nadu</i>

PROJECTS

Agentic AI Clinical Discharge Auditor <i>Python, LangGraph, FastAPI</i> - Developed a multi-agent AI system using LangGraph and LangChain to automate clinical discharge auditing through information extraction, EHR validation, and compliance checks - Implemented an Agentic RAG pipeline with FAISS, FastAPI, and Streamlit to generate intelligent audit reports and provide context-aware clinical question answering	Jun 2026 – Jul 2026
AI Event Planning Supervisor <i>Python, LangGraph, LangChain</i> - Designed a multi-agent event planning system using LangGraph to coordinate venue selection, catering, budgeting, and scheduling through supervisor-based task orchestration - Built intelligent AI workflows with LangChain, integrating tool calling, memory, and LLM-powered decision making to automate event planning and optimize resource allocation	May 2026 – Jun 2026
AI Powered Document Research Assistant <i>Python, LangChain, ChromaDB</i> - Implemented an LLM-powered research assistant using LangChain to extract, process, and analyze information from PDF documents and real-time news sources through Retrieval-Augmented Generation (RAG) - Built a semantic search pipeline using ChromaDB to enable context-aware question answering over PDF documents and real-time news	Oct 2024 – Jan 2025

TECHNICAL SKILLS

Programming Languages: Python, Java, C, C++, SQL
Generative AI: LangGraph, LangChain, OpenAI API, Google Gemini API, LiteLLM, Agentic AI, Multi-Agent Systems, RAG, Prompt Engineering
Machine Learning: TensorFlow, Keras, Scikit-learn, Computer Vision, Transfer Learning
Backend Development: FastAPI, Spring Boot, REST APIs
Frontend Development: Angular, HTML, CSS, JavaScript, Streamlit
Databases: MongoDB, MySQL, ChromaDB, FAISS
Developer Tools: Git, GitHub, Postman, Swagger, VS Code, IntelliJ IDEA, Jupyter Notebook

CERTIFICATIONS

- Microsoft Certified: Azure Administrator Associate (AZ-104) - Microsoft Certified: Azure Fundamentals (AZ-900) - NPTEL: The Joy of Computing Using Python
