

Anirudh Dambal

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📍 Hubli, Karnataka, India



Professional Summary

Computer Science undergraduate with NVIDIA internship experience in virtual hardware simulation and LLM behaviour analysis. Strong in C++, Python, MERN stack, and GenAI systems including LangGraph and RAG. Proven ability to build scalable full-stack and AI-driven systems. Seeking backend, full-stack, or GenAI engineering roles.

Education

B.E. Computer Science	KLE Technological University, Hubli Graduation: 2026	CGPA: 9.11/10.0
Pre-University (12th Grade)	PRISM PU College, Dharwad 2020-2022	PCM: 99%, Overall: 96%
Secondary School (10th Grade)	PAVAN English Medium High School 2019-2020	87.04%

Technical Skills

Languages:	C++ (DSA, STL), Python (API , Web Development), C, JavaScript
Web Technologies:	MERN Stack (MongoDB, Express, React, Node.js), HTML, CSS, FastAPI
Tools/Platforms:	Git, Docker, Kubernetes, Cloudinary, JWT, LangChain (RAG), LangGraph, TablePlus

Experience

Project Intern <i>Oct 2024 – Jan 2025</i>	NVIDIA — Remote
<ul style="list-style-type: none">• NVIDIA Project – Virtual Hardware Simulation & Code Analysis Developed a virtual environment to simulate hardware behaviour, enabling execution analysis, performance metric tracking, optimization insights, and improved code efficiency and resource utilization.	
NVIDIA Research Project – LLM Behaviour Analysis <i>Feb 2024 – May 2024</i>	NVIDIA — Remote
<ul style="list-style-type: none">• NVIDIA Research Project – LLM Behaviour Analysis Researched the behaviour of Large Language Models (LLMs) in various interaction scenarios. Applied statistical methods to interpret data and derive meaningful insights.	

Projects

Connectify – Social Media Platform
<ul style="list-style-type: none">• Engineered full-stack application using MERN stack with JWT authentication and cookie management• Integrated Cloudinary for efficient image storage and retrieval, reducing load times• Technologies: React, Node.js, Express, MongoDB, Cloudinary, WebSocket
Real Time - Customer Support Orchestrator
<ul style="list-style-type: none">• Built a complete AI-driven customer support system using LangGraph, FastAPI, and React• Implemented supervisor-worker orchestration for intelligent query routing and multi-agent collaboration• Integrated Retrieval-Augmented Generation (RAG) with ChromaDB for semantic knowledge retrieval• Developed a responsive React + Vite frontend and modular backend with OpenAI API integration