Anirudh Dambal

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Professional Summary

Computer Science student with strong academic background (9.24 CGPA) and hands-on experience in full-stack development and hardware simulation. Proven ability to develop complex projects using MERN stack and low-level system design. Seeking opportunities to apply problem-solving skills in collaborative technical environments.

Education

B.E. Computer Science — KLE Technological University, Hubli
Expected Graduation: 2026 — CGPA: 9.24/10.0

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++, Python, C, JavaScript
Web Technologies: MERN Stack (MongoDB, Express, React, Node.js), HTML, CSS
Tools/Platforms: Git, Docker, Kubernetes, Cloudinary, JWT

Experience

Project Intern — NVIDIA — Remote
Oct 2024 – Jan 2025

- **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 — Remote
Feb 2024 – May 2024

- **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

- 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

- 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
- Containerized the full stack using Docker for seamless deployment and scalability
- Authored detailed technical documentation covering setup, architecture, and troubleshooting