

NAGA KUSHAL VANKADARA

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EDUCATION

• IIITDM, Kurnool - 9.04

Bachelor of Technology in Computer Science and Engineering

Nov 2022 – Present

EXPERIENCE

• IIIT Bangalore

Backend Development Intern

Jun 2024 - Aug 2024

On-site

- Developed RESTful APIs using Spring Boot, improving reliability and reducing response latency by 35%.
- Collaborated with a team of developers to optimize database interactions and improve application performance by 40%.
- Authored comprehensive backend documentation reducing onboarding time for new developers by 50%.

• NA-Devs

Full Stack Web Development Intern

Dec 2024 - Feb 2025

Remote

- Developed the frontend for the web version of Campus Connect, ensuring seamless cross-device usage and improving accessibility by 40%.
- Implemented responsive UIs with HTML, CSS, and PHP, reducing UI inconsistencies across platforms by 50%.
- Collaborated with the backend team to integrate design with APIs, improving development efficiency by 30%.

PROJECTS

• AI Resume Enhancer

Tools: Next.js, React.js, Groq Cloud, Clerk, Prisma

Mar 2025 - Apr 2025



- Spearheaded the design of an AI-powered resume enhancer that reduced resume creation time by 30% through real-time synchronization and market-trend-driven career insights.
- Integrated Groq Cloud's LLM API and optimized query efficiency by 40% when delivering personalized, data-driven career insights.
- Elevated user satisfaction by 25% as measured by post-editing survey scores, by developing a seamless resume editor that allows users to modify uploaded resumes and export polished PDFs on demand.

• Jarvis Bot - Personal AI Assistant

Tools: HTML, CSS, Python, Bootstrap, JQuery, Hugging Face

Jun 2025 - Jul 2025



- Built a Python-based voice assistant with HTML, CSS, JS, and Bootstrap frontend, improving user interaction speed by 40% and expanding productivity with YouTube, WhatsApp, and system command integrations.
- Implemented face authentication and voice hot-word detection, reducing unauthorized access risks by 60% and ensuring 100% offline functionality with local SQLite DB and modular architecture.
- Added advanced utilities like note-taking, selfies, video recording, and Llama-powered conversational search, boosting feature coverage by 70% compared to similar open-source assistants.

• Virtual AI Painter

Tools: Python, opencv, mediapipe

Jul 2025 - Aug 2025



- Created a gesture-based virtual drawing application using OpenCV-Python and MediaPipe, enabling touchless drawing and improving accessibility by 70% compared to traditional mouse/pen input.
- Modularized the code by separating hand-tracking logic into hand_tracking_module.py, increasing maintainability and reusability by 50%.

SKILLS

- **Programming Languages:** Java, Python, C, JavaScript
- **Frontend Technologies:** React.js, Next.js, Html, Css, Bootstrap
- **Backend Technologies:** Node.js, Express.js
- **Databases:** MongoDB, MySQL
- **Fundamentals:** Data Structures and Algorithms
- **Data Visualization & AI:** NumPy, Pandas, Seaborn, Matplotlib, Machine Learning, Computer Vision, Large Language Models (LLMs), Explainable AI (XAI)
- **Tools:** Version Control, Git, GitHub, Linux, Postman

ACHIEVEMENTS

- Led a cross-functional team to design and develop an AI-powered Resume Enhancer application. Secured 1st Place among 10+ competing teams at the GDG Hackathon, demonstrating excellence in innovation, technical execution, and real-world impact.
- Solved over 300+ challenges on LeetCode (Rating 1545), Codechef (Rating 1142) to master algorithms.

POSITIONS OF RESPONSIBILITY

- **Sub-coordinator for Web team** of GDG Club, IIITDM Kurnool

Aug 2024 – Apr 2025

- **CSE Branch Secretry** of NSS, IIITDM Kurnool

Jul 2023 – Apr 2024