NALLA RAHUL

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EDUCATION

Vellore Institute of Technology, Amaravati   **October 2022 - Present**
B.Tech in Computer Science & Engineering   *8.57/10 CGPA*

TECHNICAL SKILLS

Languages: Python, Java, JavaScript
Backend: Node.js, Express.js, flask, TypeScript
Frontend: HTML, CSS, Bootstrap, React.js, Next.js
Databases: MySQL, MongoDB, Firebase
Tools: Postman, VS Code, Figma, Power BI

PROJECTS

NewsGuard AI   link
- A Firefox browser extension that detects fake news using a **BERT-based NLP model** trained on the FakeNewsNet dataset.
- Integrated a **Hugging Face-hosted ML model** with a **Flask** backend, enabling real-time news verification directly within the browser.
- Built with **JavaScript (Manifest V2)**, **HTML, CSS, and Python (Flask, Transformers, Hugging Face)** to ensure an intuitive UI and efficient API-based detection.

PrepWise   link
- Developed PrepWise, an **AI-powered mock interview platform** where you can generate self customized interviews or an interview completely tailored to your resume.
- Attracted over **30 users** within the first few days of launch.
- Implemented resume parsing and dynamic question generation by integrating **Gemini AI** and **Vapi AI**, enabling tailored interviews based on uploaded PDF resumes and delivering instant feedback to users.
- Built with **Next.js, TypeScript, Firebase** ensuring scalable architecture, seamless frontend-backend communication, and real-time audio processing.

Keeper App   link
- Developed a web application named "Keeper App" that enables users to create, manage, and organize notes efficiently.
- Leveraged **React.js** for building a highly responsive and interactive user interface, ensuring seamless user experience and efficient state management.
- Implemented key features such as note creation, editing, and deletion, with a focus on intuitive design and optimal performance.

Super Store Sales Analysis   link
- Conducted a thorough analysis of sales data for "Super Store," focusing on identifying key trends and insights.
- Gained Expertise on working with **MS Excel** for Data Cleaning and Data Processing.
- Used **Power BI** to build an interactive dashboard for visualizing the analysis results.

CLUBS AND ACTIVITIES

Web Manager of NextGen Cloud Club   **October 2023 - March 2024**
- Participated in 2 hands-on projects and practical assignments applying theoretical knowledge to real-world scenarios.
- Collaborated with club members and **organised many useful Coding Events and Hackathons** with **over 200 teams** participating in our technical events.
- Facilitated cohesive collaboration among department heads, integrating project management tools, which led to a 25% reduction in project completion time and increased team productivity by 30%

HackVerse - A 24-hour Hackathon   **April 2025**
- Participated in a **24-hour national hackathon**, HackVerse, as part of a 3-member team, competing among 150+ teams.
- Secured a **Top 10** position by building **PrepWise**, a smart AI-driven mock interview platform.
- Implemented a resume-based question generation feature using Gemini AI, enabling personalized interviews based on user-uploaded PDFs.

CERTIFICATIONS

MERN FULLSTACK   **June 2024 - July 2024**
Ethnus