

LaxmiNiroop Papani

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📍 Hanamkonda, Telangana

Skills

Languages:

C, Java, Python, SQL

Web Technologies:

HTML, CSS, JavaScript (JS), MERN Stack (MongoDB, Express.js, React, Node.js)

Tools & Platforms:

Git, GitHub, Firebase

Core CS Concepts:

OS, DBMS, OOPs, CN

Education

Bachelors of Technology

Kakatiya Institute of Technology and Science, Warangal

08/2023 – Present

CGPA: 8.97/10.0

Awards

Gold Medal - NASA Space Apps Hackathon 🏆

NASA

Awarded a gold medal by NASA for winning a highly competitive 36-hour hackathon.

Summary

Highly motivated Computer Science undergraduate with a strong foundation in **C, Java, Python, and SQL**, coupled with practical development experience in **MERN stack, React Native, Git/GitHub, and Firebase**. Possessing solid knowledge of **OS, DBMS, OOPs, and Computer Networks**, eager to apply problem-solving skills to build scalable software solutions and contribute to innovative development.

Projects

Neo Vision

- Developed a **3D web application** using **HTML, CSS, JavaScript, and Three.js** to visualize Near-Earth Objects (NEOs), including asteroids, potentially hazardous asteroids, and comets, providing interactive 3D rendering of space objects.
- Built this application during a **hackathon**, demonstrating rapid prototyping and problem-solving skills under time constraints.

SmartRetail – ML-Powered Inventory Optimization:

- Engineered a **machine learning model** using **Python (XGBoost, scikit-learn)** to forecast trending perishable products and determine optimal pricing strategies for Walmart sales datasets.
- Designed and implemented a system that generated **CSV outputs with predictions** integrated into a web dashboard, enabling data-driven decisions that **minimized waste and maximized sales** during the Walmart Sparkathon.

Accomplishments

T-Works Technologies Exploration Opportunity

- Invited by the CEO of T-Works, Hyderabad to explore their advanced technologies and innovation ecosystem in October 2024.

Leadership & Activities

Executive Member, CSE Association:

Contributed to the planning and execution of departmental events and initiatives.

Organizing Committee Lead, "Glitch in Matrix" Technical Fest:

Orchestrated a successful college-wide technical fest (e.g., for 50+ participants), demonstrating strong team management, decision-making, crisis management, multitasking, and budget planning skills.

Participated in inter-college cricket tournaments, fostering teamwork and sportsmanship.

Human Languages

- English (Fluent)
- Telugu (Native)
- Hindi (Conversational)