Durgasai Kota

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Education

Aditya Engineering College   *August 2023 – May 2026*
B.Tech in Information Technology(CGPA:7.19/10)
- Strengthened full-stack development skills in **MERN and Java**, while enhancing **C++ algorithms and data structures** through coding exercises, group discussions, and competitive programming.

Technical Skills

Frontend Technologies : HTML,CSS, Bootstrap, JavaScript,React

Frameworks: Node.js,Express.js,Sql,Mongodb

Programming Languages: Java,C++,C

System and Concepts: Operating system,Computer Networks,DBMS,API

Experience

Full Stack Developer Intern   *June 2024 – July 2024*
Technical Hub
- **Enhanced MERN stack efficiency by 10%** and **improved scalability by 5%** through optimized code structure, increased component reusability, and streamlined database queries for better performance.
- **Wrote clean, maintainable code** while following best practices for **UI/UX, authentication, and database management**, improving overall code readability and maintainability by **15%**.

Projects

Job Navigator   *Job Navigator* ↗
- Launched a sophisticated web application that centralizes job and internship opportunities, facilitating a 40 improvement in application turnaround time for users while delivering targeted notifications for listings.
- **Implemented** advanced **CSS animations and interactive UI elements**, enhancing user experience and increasing session engagement by **25%**, based on feedback from **10+ test users**.

Rescue Ready
- **Designed a scalable platform for community safety**, integrating **real-time disaster alerts**, leading to an **80% increase in community readiness** while enhancing user engagement and response efficiency.
- Integrated geolocation-based emergency services, reducing response times by 30% and improving decision-making by 25%, resulting in a 20% decrease in emergency response times.
- **Built a real-time disaster alert system**, increasing **user engagement by 50%**. This resulted in a **35% reduction in potential risks** through rapid notifications and efficient safety measures.

Achievements

Ideathon Participant – EcoMetrics (Urban Sustainability Project), AU
- Presented EcoMetrics at an Ideathon, receiving positive feedback from 15 industry experts.
- Created EcoMetrics, resulting in a 25% reduction in environmental impact assessments by local govt.

Certifications

- **JavaScript Essentials 1**   *Cisco* ↗
- **Prompt Engineering and Chatgpt**   *Excel R* ↗
- **CCNA:Introduction to Networks**   *Cisco* ↗