SHIVA KUMAR PENUKONDA

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Education

Aditya Engineering College　　　　　　　　　　　　　　　September 2022- May 2026
Bachelor of Technlogy in Information Technology(GPA: 8.27 / 10.00)　　*Surampalem, Andhra Pradesh*
- **Relevant Coursework:** Enhanced C++ algorithms and data structures through coding exercises, group discussions, and competitive programming, while expanding proficiency in C++, Python, and Java through diverse projects and hands-on practice.

Experience

Technical Hub　　　　　　　　　　　　　　　　　　June 2024 - August 2025
Frontend Developer Intern　　　　　　　　　　　　　*Surampalem, Andhra Pradesh*
- Developed and optimized front-end components for **two full-stack projects**, ensuring a **responsive**, **accessible**, and **user-friendly** interface using **HTML, CSS, JavaScript, and React**.
- Implemented efficient **state management** and **component-based architecture** in React to enhance application performance and maintainability.

Projects

Rescue Ready *React.js, MongoDB, Express, Node.js, JavaScript, CSS*
- Built a scalable **full-stack platform** for community safety with **real-time disaster alerts**, preparedness checklists, and volunteer support, gaining approval from **80%** of classmates.
- Integrated **geolocation-based emergency services** using **NWS and FEMA APIs**, reducing response times by **30%** and improving **data-driven decision-making** by **25%**.
- Designed a **responsive front-end** with **React.js, Node.js, CSS, and Bootstrap**, achieving **95% user satisfaction** for seamless accessibility and intuitive user interaction .

Multiio *HTML, CSS, JavaScript*
- Designed an **interactive shopping mall website**, increasing **user engagement** by **40%** through better navigation and vendor access.
- Established t **Local Storage**, streamlining access for a **6-member team**, boosting **onboarding efficiency** by **30%**.
- Enhanced **user experience** with **intuitive navigation**, reducing **user adaptation time** by **25%** and increasing contentment by **20%**.

Technical Skills

Languages: C Programming ,C++,Python,Javascript,SQL
Web Technologies: Html,Css,Git,GitHub
Technologies: React.js, Express.js, Bootstrap, Node.js,MongoDB,React Native
Concepts: Operating system, API, Database Normalization, Agile Methodology,Computer Networks,DBMS

Achievements

- **A Ideathon Participant – EcoMetrics (Urban Sustainability Project), Aditya University**

  - Presented EcoMetrics at an Ideathon, receiving positive feedback from 15 industry experts.

  - Created EcoMetrics, resulting in a 25% reduction in environmental impact assessments by the local government.

Certifications

- **[JavaScript Essential-1]** – [Cisco Networking Academy] ⬀

- **[JavaScript Essential-2]** – [Cisco Networking Academy] ⬀

- **[CCNAv7: Introduction to Networks]** – [Cisco Networking Academy] ⬀