Potharaboina Saikrishna

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CAREER OBJECTIVE

Highly motivated Front-End Developer with expertise in designing and developing responsive, scalable, and user-centric web applications. Skilled in **HTML, CSS, JavaScript, React.js, Tailwind CSS, and Bootstrap**, with experience in API integration and database management. Knowledgeable in **IoT systems (ESP8266, MQTT, Firebase)**, capable of integrating hardware and software solutions. Proficient in problem-solving, debugging, and delivering innovative solutions from concept to deployment. Recently enhanced skills in **networking and security fundamentals** through Cisco CCNA certifications.

EDUCATION

SR University – B.Tech in Electronics and Communication Engineering   **Nov 2021 – Mar 2025**
GPA: 7.33/10
Relevant Coursework: Data Structures & Algorithms, Python, VLSI, Digital Electronics, Microcontroller Applications, Communication Systems.

ACADEMIC PROJECTS

Hotel Booking Website | Live Demo
- Designed and developed a responsive hotel booking platform enabling users to search and book hotels across major cities.
- Enhanced user navigation and booking flow with intuitive UI.
- Tech Stack: HTML, CSS, JavaScript, Bootstrap

Nexus Neural Emergency Response (AI-Powered) | Live Demo
- Built an AI-powered emergency response system with real-time tracking and secure communication.
- Developed dashboards for responders and supervisors, improving crisis coordination efficiency.
- Tech Stack: Bolt.New (AI Development), React.js, JavaScript, HTML, CSS

Weather Report Web Application
- Implemented real-time weather tracking with API integration.
- Designed a mobile-first responsive UI accessible across devices.
- Tech Stack: HTML, CSS, JavaScript, OpenWeather API

Firebase-Integrated IoT Robotics System (ESP8266)
- Developed IoT robotics system for real-time monitoring and remote command execution.
- Integrated Firebase, REST API, and MQTT protocols for automation and seamless communication.
- Tech Stack: Arduino IDE, ESP8266, Firebase Realtime Database, HTML, CSS, JavaScript, MQTT

CORE SKILLS & SOFT SKILLS

- **Languages:** HTML, CSS, JavaScript, Python, Java, PHP
- **Frameworks & Libraries:** React.js, Tailwind CSS, Bootstrap, Responsive Design
- **Databases**: MySQL, Firebase Realtime Database, DBMS
- **Tools & Platforms**: Git, GitHub, VS Code, Arduino IDE
- **Networking:** IPv4/IPv6, Routing, Switching, VLANs, WLANs (Cisco CCNA certified)

WORKSHOPS & CERTIFICATIONS

- **CCNAv7: Introduction to Networks – Cisco Networking Academy (Jun 2024)**
- **CCNAv7: Switching, Routing, and Wireless Essentials – Cisco Networking Academy (Jun 2024)**
- **CCNA : Data Engineering Ideathon Participation – SR University (2024)**
- **Internshala : Web Development**