PALAM SHARATH KUMAR REDDY

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LinkedIn : **GitHub** : **Portfolio**

PROFILE SUMMARY:

Aspiring Full-Stack Developer with a strong foundation in HTML, CSS, JavaScript, React.js, and SQL. Actively learning Node.js for back-end development and leveraging React.js for front-end applications. Passionate about building scalable, user-friendly web applications while exploring cloud platforms like AWS and Azure. Continuously improving skills in RESTful APIs, database management, and DevOps tools. Eager to contribute and grow in a dynamic, collaborative environment.

EDUCATION:

G. PULLAIAH COLLEGE OF ENGINEERING AND TECHNOLOGY, KURNOOL **2024**

• BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING   CGPA: **8.43**

EXPERIENCE:

Frontend Intern, Oasis Infobyte | Remote   **(March – April 2023)**

• Worked as part of the front-end development team, focusing on HTML, CSS, and JavaScript.

• Contributed to the design and development of user-friendly web interfaces.

Home Automation Intern, Cyient | on site Hyderabad, Telangana   **(June – July 2023)**

• Worked on developing and implementing home automation solutions using Python, Arduino, and relevant frameworks.

• Assisted in designing and testing smart home systems for improved efficiency and automation.

• Collaborated with the team to integrate IoT-based solutions for seamless device control.

PROJECTS:

Helmet-Integrated System with Bike Accident Detection Powered by IoT Technology:

• Developed an IoT-powered helmet-integrated system for real-time rider safety monitoring.

• Continuously tracks vitual signs and riding conditions to enhance accident prevention.

• Integrated GPS for precise location tracking, enabling quick emergency response.

• Features an automated SOS alert system that sends real-time location data to emergency contacts in case of an accident.

• Equipped with advanced sensors capable of distinguishing between normal movements and falls.

• Designed using lightweight materials for minimal bulk and maximum rider comfort.

Ambulance Alerting System Near Traffic Lights:

• Developed an intelligent traffic management system to prioritize emergency vehicles.

• Automatically switches traffic signals to green when an ambulance enters a predefined range.

TECHNICAL SKILLS:

- **Programming Languages:**   Python
- **Front-End Technologies :**   HTML , CSS , JavaScript , React.js
- **Back-End Technologies :**   Node.js
- **Frameworks:**   Bootstrap , Express.js , React .js
- **Database:**   MYSQL, Mango DB Basics
- **Developer Tools:**   VS Code, Git, GitHub, Ec2

SOFT SKILLS:

- Flexibility | Problem Solving Skills| debugging
- Adaptability | Troubleshooting | Team lead | Communication

CERTIFICATIONS:

WEB TECHNOLOGY: (Basics) from Oasis Gained hands-on experience in HTML and CSS, enhancing my ability to create and style web pages at Oasis Infobyte..