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ASPIRING FULL-STACK DEVELOPER

I'm a passionate Fullstack Developer with experience in building web and IoT-based applications. Skilled in React,, Flutter, and modern web technologies, I'm currently pursuing my B.Tech in IoT (3rd year). I enjoy solving complex problems, integrating hardware with software, and leveraging AI to create smart, scalable solutions. Always eager to learn, innovate, and contribute to impactful projects

KEY COMPETENCIES

- Java, Python, C++
 - kotlin
 - HTML, CSS, JS
 - DevOps (Learning)
- Cloud &Databases
 - AI & Machine Learning
 - IoT & Embedded Systems
 - Git

PROFESSIONAL EXPERIENCE

internPe

June 2024 - July 2024

C++ Developer Intern

I completed a one-month C++ development internship, where I worked on building and optimizing software applications. My performance during the internship earned me a Letter of Recommendation for outstanding contributions.

EDUCATION & CERTIFICATIONS:-

- **K L Deemed to be University (Vaddeswaram)**
Bachelor of Technology (B.Tech) in Internet of Things
2022 - Present
CGPA:-9.3
 - **Sri Chaitanya Junior College (Kurnool)**
Intermediate Education, MPC(Maths, Physics, Chemistry)
2020 - 2022
Percentile:- 93%
 - **Vijayanikethan Em Hlgh school (Panyam)**
SSC Education
2019 - 2020
Percentile:- 100%
- IBM Python (By IBM)
 - C++ basic to expert (By UDEMY)
 - Salesforce Certified AI Associate

Projects

1)WEATHER APP:-

Technology Stack: Utilized HTML, CSS, and JavaScript for the frontend, integrating the OpenWeatherMap API to fetch and display real-time weather data. Designed a responsive user interface for seamless user experience across devices.

2)Street Light Damage Detection System:-

Technology Stack: Developed an IoT-based Street Light Damage Detection System using ESP32, GSM module, LED, and LDR to identify faulty streetlights and send real-time SMS alerts with location details. The system utilizes LDR sensors to detect non-functional LEDs and ESP32 with a GSM module for communication. This solution enhances maintenance efficiency by enabling automated fault reporting to relevant authorities, reducing manual inspection efforts.

3)IoT-Based Weather Monitoring and Prediction System Using Cloud and Machine Learning:-

Technology Stack: Developed a Weather Monitoring and Future Prediction System using Raspberry Pi and DHT11 to collect temperature and humidity data. Leveraged Microsoft Azure for cloud storage and processing, implemented machine learning for future weather predictions, and utilized Power BI for data analysis and visualization. This project enhances weather forecasting accuracy and provides insightful analytics for better decision-making.

4)Real-Time Chat Application Using React and Firebase (In Progress):-

Currently, I am working on developing a real-time chat application using React and Firebase, designed to provide a seamless and interactive messaging experience. This project focuses on key features such as user authentication, real-time messaging, and cloud storage integration.

Additional Information

SPOKEN LANGUAGES

- English
- Telugu
- Hindi

DEVELOPMENT TOOLS

- Android Studio
- VSCode