AJAY TAGILEPALLY

Software Developer

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Summary

Seeking an organization that values my contributions and allows me to leverage my strong programming skills. Interested in environments that recognize and reward dedication, foster professional collaboration, and provide opportunities to share and enhance my knowledge and experience.

Experience

CloudPlinth Technologies   Hyderabad
Full Stack Developer   03/2023 - 08/2023

Project: **Alerts Web App for Industrial Sensor Deviations**.

- Developed an alerts web application for industrial sensor deviations, focusing on real-time monitoring, deviation detection from normal parameters, and automated notifications to relevant personnel.
- Leveraged Siemens Insights Hub API to aggregate real-time sensor data, enabling continuos monitoring and reducing system downtime by 40% through proactive maintenance alerts.
- Developed an advanced Python script for real-time sensor data monitoring, triggering instant alerts upon detecting deviations, which improved issue response time by 45% and minimized downtime by 20%.
- Introduced a smart alert system that improved stakeholder communication efficiency by 35%, ensuring timely updates through automated notifications on new and resolved alerts, boosting overall operational productivity.
- Developed a user-friendly interface for tracking and managing alerts, streamlining incident management and response procedures.

Skills

Python · JavaScript · Java · React.JS · Node.JS · SQL · MySQL

Education

JB Institute of Engineering and Technology
Electrical and Electronics Engineering with 69%   06/2019 - 08/2022

Govt.Polytechnic College
Electrical and Electronics Engineering with 67%   06/2016 - 04/2019

Akshara High School
SSC with 88%   2016

Projects

1.To-Do Web Application

- Created a responsive to-do web application utilizing React.js and JavaScript, focusing on front-end development and responsive design principles.
- Implemented essential features including task creation, editing, deletion, categorization, and CRUD operations in a responsive to-do web application developed with React.js and JavaScript.
- Utilized state management and component-based architecture to ensure efficient updates and reactivity in a web application, emphasizing performance and scalability.
- Ensured a user-friendly interface and seamless user experience.

2.Food Much Website

- Developed a responsive website for a food store, enabling users to view food items, detailed information, and offers.
- Designed a responsive web page utilizing HTML structure elements and Bootstrap components to showcase distinct website sections. Implemented Bootstrap classes for optimal mobile-first responsiveness.

3.VR Store website

- Designed and developed a responsive website for a VR products store, showcasing product listings, detailed information for each product, and a
  trend blog section.
- Designed a responsive web page utilizing HTML structure elements and Bootstrap components to showcase distinct website sections. Implemented Bootstrap classes for optimal mobile-first responsiveness.

Certifications

1. Achieved a certificate on completion of Python3 course by Programming Hub.

2. Achieved a certificate on completion of Building Own Static Website using HTML, CSS and Bootstrap by NXT Wave.

3. Achieved a certificate on completion of Building Dynamic Website using HTML, CSS and Bootstrap by NXT Wave.

4. Achieved a certificate on completion of Accenture developer virtual experience program on Architecture, Programming, Testing and Security by Accenture Nordics.