Saran Edpuganti

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SUMMARY

I am an organized and detail-oriented aspiring engineer. And I'm Proficient in software development life cycle and technologies with hands-on experience. Eager to leverage technical skills and project management knowledge to contribute to real-time projects and dynamic development teams.

EDUCATION

Master of Science (MSc) - Project Management
Jan 2023 – July 2024 *Birmingham City University, Birmingham | Grade: **2:1 (MERIT)***
Bachelor of Technology (B.Tech.) - Electrical and Electronics Engineering
Jun 2018 - Apr 2022 | *Grade: **8.03 CGPA (DISTINCTION)***
NRI Institute of Technology, Vijayawada

SKILLS

Programming Languages: C, Java, JavaScript, Python, HTML, CSS
Data Manipulation: SQL, My SQL, Tableau, Power BI, Excel
Frameworks/Libraries: React.js, Django, Bootstrap, Node.js, Angular
Cloud Technologies: AWS, Azure, CI/CD
API: REST API
Tools: Visual Studio, GIT, GIT-HUB, MATLAB, CATIA, Figma (UI/UX)
Methodologies: Lean, Agile, Six-Sigma
Soft Skills: Effective verbal and written communication, Collaborative team work, Strategic thinking, Logical Reasoning, Responsible and disciplined, Time Management.

PROJECTS

1.Video Calling APP | REACT and Zego Cloud:
Developed a real-time video calling application utilizing **React** for the front-end interface and **Zego Cloud** for backend services. The app allows users to create and join video calls seamlessly, featuring functionalities such as user authentication, chat messaging, and screen sharing.
2. TO-DO APP | REACT.js:
Developed a feature-rich To-Do List application that enables users to manage tasks efficiently. The application allows users to create, update, delete, and categorize tasks, providing an intuitive interface for task management.
3. Personal Webpage |HTML, CSS and JavaScript:
Designed a fully responsive personal web-page to showcase my skills, experiences and interests. Built using **HTML, CSS** and **JavaScript**, the webpage serves as a portfolio that highlights my professional journey.

EXPERIENCE

1.Software Engineer Intern   **May 2022 - Dec 2022**
GS Electricals*, Vijayawada*

- **Engaged in full-stack development and played a crucial role in enhancing digital infrastructure at GS Electricals. This comprehensive approach allowed for both front-end and back-end integration and supported the company's objectives and increased 25% operational efficiency.**
- **By collaborating with cross-functional teams, designed and implemented web applications for the firm using HTML, CSS, JavaScript, React.js and improved 30% in user engagement, which reflected in increased user retention rates and positive stakeholder feedback.**
- **Usage of SQL and MySQL databases resulted in 40% annual reduction in data retrieval times of manufacturing operations.**
- **My engagement in initiatives like lean and 5s principles methodologies optimized workflows and contributed in continuous improvement within company.**

2.PwC Switzerland Power BI Job Simulation on Forage   **February 2024**

Completed a **job simulation** to enhance **Power BI** skills for understanding client **data visualization** needs. Created effective **Power BI dashboards** that conveyed **KPIs**, demonstrating the ability to respond to client requests with well-designed solutions.

LICENSES & CERTIFICATIONS

Hybrid Electric Vehicle, Data Visualisation in Tableau, Data Analytics Essential, Meta Front-End Developer, Meta Back-End Developer PMI Agile Certified Practitioner (PMI-ACP), Continuous Integration and Continuous Delivery (CI/CD)