VINODH KUMAR ADARI

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SKILLS

Languages: Python, Javascript, Typescript

Libraries: ReactJS, FastAPI, Redis, PySNMP, Kafka-python

Databases: MySQL, PostgresQL

Cloud: Linux, AWS(Virtual Machines)

Miscellaneous: Apache-Kafka, Socket, Multi Threading, Multi Processing, Rest APIs, Git, Docker, Nagios, SNMP

EXPERIENCE

Tessrac Innovations
Software Engineer | June 2020 - Present

- Transferred from **InspiredgeIT Solutions**
- **Network & Monitoring Expertise:** Built real-time communication channels (bidirectional sockets), processed SNMP traps, and implemented an efficient Nagios event listener.
- **Full-Stack Development:** Designed and implemented functionalities using OOP principles, utilized Apache Kafka for data streaming, and created a supporting database schema.
- **Collaboration & Version Control:** Maintained a Git repository and collaborated effectively with the team throughout the development process.

InspiredgeIT Solutions
Software Engineer | Jan 2020 - June 2020

- Transferred to Inspiredge's sister company
- **Automated Device Monitoring:** Built a system using email templates and regular expressions to generate real-time events for device health monitoring, enabling faster issue identification and resolution.
- **Real-Time Data Processing:** Processed email data in real-time, providing a continuous stream of device health information for proactive maintenance and troubleshooting.
- **Enhanced Monitoring System:** Integrated generated events into the existing monitoring system, offering a comprehensive view of device health.

Vensa Technologies

Software Developer | Aug 2017 - Jan 2020

- **Full-Stack Development:** Built diverse web applications (CMS, invoicing, inventory) using OOP and best practices. Collaborated with cross-functional teams to deliver user-friendly and scalable solutions.
- **System Design & Maintainability:** Focused on code modularity, scalability, and maintainability while designing and developing systems, ensuring future adaptability.
- **User-Centric Development:** Collaborated with designers and marketers to create web applications that address business needs and foster user engagement.

EDUCATION

BSc - Electronics

Sreepada Degree College - Andhra University

AWARDS

Top Performer - May 2021 - Tessrac Innovations

Truly a solo fighter in putting extra efforts into identifying solutions to the challenges that are faced during the research in the process of implementing the automation module