

Vinodh Adari

Passionate full-stack developer in building web applications using cutting-edge technologies and frameworks.

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[GitHub](#)

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RELEVANT EXPERIENCE

Software Engineer, Tessrac Innovations June 2020 — Present

I transferred to Inspiredge's subsidiary company

- Successfully implemented bidirectional socket communication using Python.
- Designed a system to listen to SNMP traps and convert them for further processing.
- Implemented Nagios event listener to receive and handle events efficiently.
- Collaborated with the team effectively and followed Object-Oriented Programming (OOP) principles during software development.
- Used Apache Kafka and designed the necessary DB schema to support the project's functionalities. Maintained a Git repository to ensure code version control and efficient collaboration.

Software Engineer, InspiredgeIT Solutions Jan 2020 — June 2020

- Created a system for monitoring the health of devices by generating events based on the contents of email templates.
- Used regular expressions (regex) to extract relevant information from email messages, such as error codes, device names, and timestamps.
- Processed email data in real-time, allowing for quick identification and resolution of device issues.
- Integrated the generated events into the larger monitoring system, providing a comprehensive view of device health and enabling proactive maintenance and troubleshooting.

Software Developer, Vensa Technologies Aug2017 — Jan2020

- Developed various web applications, including CMS systems, invoice management systems, and inventory managers, using object-oriented programming (OOP) principles and best practices in software development.
- Collaborated with cross-functional teams, including designers, developers, and marketers, to create web applications that met business needs and provided a positive user experience.
- Designed and developed systems with a focus on scalability, maintainability, and usability, using system design principles that ensured code modularity and flexibility for future enhancements. Additionally, collaborated with marketing teams to develop strategies for promoting web applications and increasing user engagement.

SKILLS

Programming Languages

Python, Javascript, Mysql

Libraries & Frameworks

Django, Flask, React, Socket, Twisted, Fast Api, Python-Kafka, Dogpilecache, Rest-Apis, Pysnmp

Tools & Platforms

Git, Github, Aws, Gcp, Virtual Machines, Docker, Nagios, SNMP

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

PROJECTS

Serv360

This project involved implementing bidirectional socket communication using Python and designing a system to listen to SNMP traps and convert them for further processing. Additionally, an efficient Nagios event listener was implemented to receive and handle events. Collaboration with the team was crucial, and Object-Oriented Programming principles were followed throughout the software development process. Apache Kafka was utilized to support the project's functionalities, and a DB schema was designed accordingly. Lastly, Git was used to maintain code version control and ensure efficient collaboration among team members.

Billing Application

The billing standalone application and invoice management system was developed with the key goal of increasing sales for a business by providing an efficient and user-friendly way to manage invoices. The application played a key role in streamlining the invoicing process, reducing errors, and improving accuracy, resulting in improved cash flow for the business. The system was designed with a focus on user interaction, ensuring that it was intuitive and easy to use for both administrators and customers. Additionally, the system provided real-time updates on invoice statuses and generated reports that allowed for better tracking of sales and revenue. Overall, the billing standalone application and invoice management system played a crucial role in the success of the business, providing a streamlined and efficient way to manage invoices and increase sales.