I M V S GANESH

Software Engineer

E +91-9676222588   ✉ inguvaganesh@gmail.com
🔗 https://www.linkedin.com/in/ganesh-inguva-140564228/
📍 Hyderabad, Telangana, India.

SUMMARY

- Dedicated and results-driven Software Development Engineer (SDE) with 1.5 + years of hands-on experience in all phases of the Software Development Life Cycle (SDLC), including design, development, and unit testing
- Proactive ownership of project deliverables with delivering product in agile model with frequent production deliveries
- Organized and dependable candidate successful at managing multiple priorities with apositive attitude
- Experienced in onboarding interns, fostering their growth, and ensuring smooth transitions within the team.
- Flexible to take on additional responsibilities to meet team goals.

EXPERIENCE

Software Engineer   08/2022 - Present
Addverb Technologies   Noida

- Collaborating with cross-functional teams, including product managers, designers, Support and quality assurance engineers, to define requirements and scope for new software projects.
- Participating in code reviews and writing automated tests to ensure that the software was of high quality and that it met customer expectations.
- Multiple site visits of Warehouse automations projects across India in different verticals like Chemical, Pharmaceutical and Fashion for on - site deployments.
- Developed and maintained the backend logic, including business rules, data manipulation,and algorithms, ensuring seamless application functionality.

Projects:

Warehouse Management System -

- Involved in Netmeds Pharma warehouse automation project and went live in one of their DCs.
- Created well-documented RESTful APIs using Java and Spring boot for 11 micro services and implemented scalable queuing system with Apache Kafka that facilitated seamless communication between frontend and backend systems, leading to enhanced user interactions and third-party integrations like Shipsy and JCP.
- Implemented configurability in code alteration using caching strategies with Redis.
- Optimized database queries, resulting in a 30% reduction in query execution time and improved overall user experience.
- Conducted multiple RCAs and devised effective solutions to address unexpected issues within the Inbound, Midbound, Outbound, Picking and Packing module, particularly during high-demand sales.
- These efforts significantly contributed to the successful sale of products, reducing order bottlenecks from 10% to just 0.5%.
- Transformed a project architecture from using JSON for storing full payloads to a flat structure, resolving issues related to incorrect data updates and extreme latency.
- This architectural change led to a remarkable improvement in response times from ~40 seconds to ~500 ms under load

Warehouse Execution system -

- Designed and developed task architecture using JPA handling multi-tenancy, the samecode base is deployed across 4 different business domains.
- Built and maintained a scalable and robust architecture that can handle high volumes of data and transactions using RabbitMq.
- Worked closely with stakeholders to understand their needs and requirements, and delivered solutions that met and exceeded their expectations.

Intern   06/2021 – 12/2021
Indira Gandhi Centre for Atomic Research   Kalpakkam

- Created a desktop application using pysimple GUI which is capable of processing response data from an array of sensors and displaying appropriate visualizations to the user choice.

- Developed backend logic for efficient feature extraction algorithms which can extract response curves from real time gas sensor data and provide necessary behavior tracing parameters

EDUCATION

Bachelor In Technology, Electronics and   08/2018 - 07/2022
Communication Engineering.

Birla Institute of Technology and Science - Pilani, Hyderabad Campus.

SKILLS

Java ·Springboot Python ·
Microservices · JDBC and JPA·
SQL Server ·Redis Apache Kafka   ·
Docker ·Azure Devops Jenkins

LANGUAGES

English   Proficient

Hindi   Advanced

Telugu   Native

INTERESTS

☐ Cricket

☐ Spirituality

☐ Reading Books

☐ Play writing