

DASARI SANATH KUMAR

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PROFESSIONAL SUMMARY

Results-driven Software Engineer with 4 years of experience specializing in Java, Spring boot and microservices architecture. Adept at designing, developing, and maintaining scalable and high-performance applications using modern technologies. Proven track record in leading and contributing to complex projects from conception to deployment, with a focus on optimizing performance and ensuring robust security. Strong expertise in microservices design patterns, RESTful APIs, and Messaging queues like Kafka and ActiveMQ. Excellent problem-solving skills and a collaborative team player with a commitment to delivering high-quality software solutions.

WORK EXPERIENCE

IVY Comptech, Hyderabad, India

August 2021 – December 2023

Software Engineer

Project: SASW- Single Account Single Wallet

Roles:

- Using Java and Spring Boot technologies, I designed the architecture and developed the wallet balance transfer from one account to another.
- Created a workflow to display a user's transaction history within a specified time frame. I have also combined the transaction histories of the user's two distinct accounts.
- Monitored production servers using kali Linux systems using tools like putty and Elasticsearch Logstash and Kibana.
- Additionally, tested the developed code using Junit.

Project: US Dormant

Roles:

- Designed workflow and implemented code that uses Java, the Apache Druid database, and Kafka messaging system to send alert emails to people whose accounts have been dormant.
- created a front-end module using HTML, CSS and JavaScript with all the necessary information, including account names, date fields, and US states, for us to use while making account status inactive.
- To store the player data here, I utilized MongoDB, and I gained practical experience with mongo collections.
- To ensure efficient communication between the microservices, I additionally employed messaging queues like AMQ and Kafka in this instance.

Newgen Software Technologies, Chennai, India

January 2020 – August 2021

Software Engineer

Project: ICICI Bank trade and finance

Roles:

- Designed and implemented the Draft LC module to manage and process letter of credit drafts efficiently. Developed features for creating, validating, and tracking drafts within the system, ensuring compliance with financial regulations and trade standards.
- Developed the Reinstatement module to handle the reactivation of previously issued letters of credit. Created algorithms for managing reinstatement requests, updating financial records, and ensuring system integrity and compliance.
- Designed workflow for process management to manage workflow throughout the letter of credit.

SKILLS

BACK-END DEVELOPMENT - Java | C | C++

Spring | NodeJS | PHP

FRONT-END DEVELOPMENT– HTML5 | CSS

JavaScript | ReactJS

MISCELLANEOUS - Kafka | Druid | MongoDB

SoapUI | Redis | Kibana | Penetration Testing

R Programming

SOFT-SKILLS: Team Player | Bias for action

Deliver results

EDUCATION

Master of Science in Computer Science,

University of Central Missouri,

January 2024 – Present,

Warrensburg, Missouri.

CGPA: 3.50/4.00

Bachelor of Engineering in Computer Science,

Chandigarh University,

August 2016 – September 2020,

Punjab, India.

CGPA: 7.84/10.00

COURSEWORK

System Designing

Data Structures and Algorithms

Ethical Hacking- Pen Testing

Advance Operating systems

Advance Data Visualization

Software Testing

Advance computer networks

Advance Software Engineering

Compiler Design and Architecture

NoSQL Databases (MongoDB and Neo4j)

Artificial Intelligence

INTRESTS:

Travelling | System Designing | Cricket |

Carrom | Chess