

# MERUDULASRI

## JAVA DEVELOPER

Coimbatore, India | 9677392958 | [merudujaga@gmail.com](mailto:merudujaga@gmail.com)

<https://www.linkedin.com/in/merudulasri-jagadeesan-45a27b164/>

### SUMMARY

- Experienced Software Engineer with over 3 years of experience in JAVA, Spring framework technologies, Restful web services and Oracle databases.
- Delivered, analyzed and resolved technical issues and participated in the continuous enhancement of continuous development process.
- Skilled and dedicated in all aspects of the Software Development Life Cycle meeting client requirements and expectations

### EXPERIENCE

#### Cognizant Technology Solutions, Coimbatore

##### Software Engineer | Sep 2022 – Present

- Diligently maintained and enhanced existing **UI, Batch, and Restful APIs**, ensuring they met evolving technical requirements and user needs. Conducted technical upgrades and optimizations to improve functionality, performance, and user experience.
- Successfully migrated multiple REST APIs from **Spring MVC to Spring Boot**, implementing its embedded Tomcat server, making it lighter and eliminated the need for Enterprise Tomcat license, resulting in significant cost savings for the organization.
- Led the migration of **C3\_Core Tomcat to OpenShift4 AWS**, facilitating advanced server management and execution on AWS clusters.
- Implemented robust code security measures by integrating applications with **CyberArk**, enhancing password management and protecting sensitive information.
- Identified and resolved **high and critical container vulnerabilities**, significantly enhancing the overall quality and security of the codebase.
- Developed and implemented a comprehensive **audit logging system** for saving XML payloads within the application database, specifically designed for debugging as they are disabled in Splunk due to sensitive data restrictions
- Implemented **CI/CD processes** involving standard and Docker pipeline builds, as well as Electric Flow pipeline deployment tasks across all SDLC environments.
- Involved in **Project toggle** activities between DR and PROD environments.

##### Junior Software Engineer | Sep 2021 – Aug 2022

- Successfully upgraded the Java applications from **version 1.8 to version 11**, ensuring enhanced performance and compliance with End-of-life support.
- Migrated the Spring Batch application from **RHEL6 to RHEL8** Tomcat based server, and successfully integrated it with **MQ File Transfer Process** for outgoing feeds and Configuring **Autosys portal** for job execution.
- Effectively resolved **CheckMarx**-detected critical and high vulnerabilities, including Cross-Site Scripting (XSS) and SQL injection.
- Proficient in **Enterprise Change and Incident Management processes**, with experience in both manual and automated change creation and implementation support.

## SKILLS

<b>Programming Languages:</b>	Core JAVA, SQL
<b>Frameworks and Technologies:</b>	Spring core, Spring MVC, Spring Boot, Spring Rest, AOP, Spring Security, JAX-Rs, Hibernate, JDBC, Servlets, JSP, WSDL, WADL, XSD, XML ,Microservices, MQ
<b>Build Tools:</b>	Gradle, Maven
<b>Databases and Tools</b>	Oracle 11, SQL Developer, MySQL, Cyber Ark
<b>DevOps</b>	Jenkins, Docker, Cloudbees Electric flow
<b>Application Servers</b>	Rhel 8 Tomcat 9 C3_Core, OpenShift4 AWS
<b>Tools</b>	STS, Swagger, Postman, SoapUI, Gitlab, Autosys, Splunk, Putty, WinSCP, Enterprise Change Management, ServiceNow

## PROJECT PROFILE

**Client: Teachers Insurance and Annuity Association**

### Restful Web service Applications:

Enhanced an existing Spring MVC Restful web service application by implementing comprehensive audit logging functionality for capturing the transactions and capturing GUIDs from the headers of upstream requests and propagating them through all downstream requests and responses. Migrated the application from a Tomcat server to an OpenShift AWS container environment, integrating CyberArk Conjur for enhanced security and implementing MQ SSL for secure communications. Additionally, led the migration of the application from Spring MVC to Spring Boot, which involved converting XML-based configurations to Java-based annotated configurations for greater flexibility and maintainability.

### Spring Batch Application:

Led the migration of a Spring Batch application from Red Hat Enterprise Linux 6 (RHEL6) to Red Hat Enterprise Linux 8 (RHEL8). Initiated the process with no prior knowledge, thoroughly learning the application's functionalities and data flows related to batch job processing. Improved application performance by implementing comprehensive unit tests in development and staging environments and upgrading the Java version from an earlier release to Java 11. Enabled the Spring Web Console for enhanced application monitoring and integrated with CyberArk for secure credential management. Facilitated efficient file transfers to downstream systems by integrating the application with MQMFT (Managed File Transfer) and streamlined job scheduling and execution through Autosys integration.

## EDUCATION

**Government College of Technology, Coimbatore**

Bachelor of Engineering – EIE | 2017 - 2021

CGPA: 8.1