

SAI THARUN MADU

Java Developer

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📍 Dallas, TX



EXPERIENCE

Software Developer

State Farm

📅 10/2018 - Present 📍 Richardson, TX

Worked in various Enterprise Projects at both Business and Personal Lines Modernization. Worked in End-to-End code development, writing Junit test cases, building pipelines, and deploying them.

Responsibilities:

- Developed applications using Java 8, REST API, Microservice architecture and general architecture of Java applications and Front End Applications.
- Developed Microservices Springboot applications from a monolithic project achieving better maintenance, deployment, and testing
- Developed Springboot applications for implementing REST APIs as an integration layer between the frontend (ReactJS) and database.
- Experienced using TypeScript with adding additional syntax to JavaScript for better error handling.
- Replaced all the React class components with functional components and worked on useState, useEffect, useReducer and useRef for stateful management.
- Worked on implementation of Cloud specific AWS technologies including IAM, EC2, MFA, Cloudwatch for providing security and monitoring the services.
- Worked on writing SQL Queries for retrieving data, updating the tables and deleting data fields.
- Built Gitlab and GitOps pipelines for CI/CD deployments with various stages included within pipeline to run the build, check for Dependency and Static Scans, create a release branch, and deploy to specified environments.
- Used Postman, SOAPUI tools for testing the web services to check the request and response
- Wrote JUnit test cases, for Unit Testing using various test frameworks like Mockito, Easy Mock and to increase the Code Coverage.
- Setup automated alerts for the application using Splunk and Dynatrace during any service failures, also created health monitoring metrics for the applications.
- Worked in ServiceNow and HPSM (HP Service Management) tools for monitoring the status and tracking the tickets, updating the journal notes, and creating change records required for any deployments.

SUMMARY

AWS Cloud Certified with 7 years of experience in working with web-based applications involving analysis, design patterns, development of client and server applications, implementing and testing with the use of JAVA/J2EE technologies and Production Support.

CERTIFICATIONS



AWS Cloud Certified

https://www.credly.com/badges/103038d2-01be-4ab2-ae44-5c6b6c10c396/public_url

STRENGTHS



Expertise in Java

6 years of experience developing complex software solutions using Java, Spring Boot resulting in increased efficiency and performance.



Agile Development

Proven ability to work effectively in an Agile development environment, delivering high-quality software on time and within budget.



Problem Solving

Expert in problem solving and debugging and can provide efficient solutions.

EXPERIENCE

Java Developer

T-Mobile

📅 08/2017 - 09/2018 📍 Bothell, WA

Worked in the Documents team developed REST APIs to retrieve Billing specific documents and display them on the Screen.

Responsibilities:

- Created single web-based applications using ReactJS and Java Spring Boot as the back end.
- Designed and developed business components using SpringBoot, Spring Dependency Injection (Core), Spring AOP and Spring Annotations
- Designed and developed REST and SOAP web services for integrating with the consumers and UI
- Implemented front-end authentication with native React Context and used useContext for state management.
- Enhanced UX designs for dynamic and browser compatible webpages with HTML, CSS3, Bootstrap and JavaScript. Developed web designs using react-bootstrap and for styling.
- Focused on Test Driven Development thereby creating detailed JUnit tests for every single piece of functionality before writing the functionality
- Used Maven to build the application and deployed it on WebSphere Application Server
- Used Spring Data Framework to use the features of Spring JDBC and Spring ORM classes like JDBC Template and Hibernate Template to perform the database operations by connecting to Data sources available
- Creating SQL queries, PL/SQL stored procedures, functions for database layer by analyzing the required business objects and validating them with stored procedures
- Implemented the authentication and authorization of the application using Spring Security and OAuth2
- Worked on WSDL Schema changes for SOAP service whenever any new elements or being added/updated and provided the updated WSDL to the consumers.
- Used Rally for addressing issues and more, with a focus on planning, tracking, and collaboration with tasks on individuals.

SKILLS

Java	Spring Boot	Microservices	
REST API	SOAP	PCF	Swagger
JUnit	Splunk	Grafana	
Dynatrace	Service Now		STS
IntelliJ	Git	Gitops	Gitlab
Hibernate	Guidewire		GOSU
GUnit	Postman	SOAP UI	
Mockito	Easy Mock		Agile
SQL	ReactJS	Jest Testing	

EXPERIENCE

Jr Java Developer

Relgo Networks Pvt Ltd

📅 03/2016 - 09/2016 📍 Hyderabad, India

Worked as a Jr Java Developer Involved in the analysis, design, and development and testing phases of Software Development Lifecycle (SDLC) using Agile and Waterfall methodology. Responsibilities:

- Extensively used various J2EE design patterns like Factory, Singleton, Data Access Objects facilitating clean distribution of roles and responsibilities across various layers of processing
- Developed graphical user interfaces by using JSP, HTML, CSS, and Javascript
- Worked on thread handling to maintain continuity of execution and extensively implemented Multithreading concept to handle transaction management with isolation and propagation levels
- Used core Spring MVC framework for dependency injections of components
- Implementing the caching mechanism in Hibernate to load data from Oracle database
- Worked on the front-end validation through Javascript and back-end validation using Spring validation classes
- Worked with Servlets and Struts based multitier applications in developing J2EE components
- Implemented data access objects (DAO) for database interactions using JDBC and Hibernate
- Responsible for Unit Testing with Junit, integration testing of software and making sure the code coverage requirements are being met

EDUCATION

Information Technology

Southern New Hampshire University

📅 10/2016 - 03/2018

Computer Science and Engineering

Osmania University-India

📅 09/2012 - 06/2016