

# SHRAVANI VALLAKATI

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## SUMMARY

IT professional with 5+ years of expertise in designing, developing, and testing enterprise applications using Mule, Java/J2EE platform, object-oriented methodologies, REST Web Services, and SDLC approaches for software development for banking client, Bank of America.

## EDUCATION

**Georgia State University - Atlanta, Georgia, USA** | *Master of Science - Computer Science* | **GPA: 3.6** *Jul 2023*

*Relevant Coursework:* Design Patterns, Advanced Databases, Databases and Web

**VNR VJIET – Hyderabad, India** | *Bachelors - Information Technology* | **GPA: 3.7** *May 2017*

*Relevant Coursework:* Java Programming, Data Structures

## SKILLS

**Languages** - Java, J2EE, JavaScript, Python, Dataweave, C, C++, PHP, HTML, CSS

**Framework** - Spring, Spring boot, MVC, Microservices, Maven, SOAP, REST, Flask, JDBC, JNDI, MuleSoft, SVN

**Database Systems** - MySQL, PostgreSQL

**Developer Tools** - Eclipse, STS, Anypoint Studio, Visual Studio Code, Git, Splunk, Bitbucket, Postman, SoapUI, Swagger, JIRA

## PROFESSIONAL EXPERIENCE

**Randstad Technologies, USA** *Aug 2023-Nov 2023*

*Application Programmer V*

- Successfully managed the migration from **Mule 3 to Mule 4** while addressing, resolving, and debugging any issues encountered in different environments for client **Bank of America**.
- Addressed critical production issues by updating **Mule 4 API** flows to incorporate BRF REST service calls with OAuth authentication and deployed applications using Ansible. Experience with MQ.
- Identified and resolved production issues by replacing a common wrapper call with a more efficient HTTP call, contributing to improved system performance and reliability.
- Played a key role in the end-to-end development of Java Spring REST orchestration API, from requirements analysis and design to implementation and testing.

**Georgia State University, USA**

*Jan 2022-Jul 2023*

*Graduate Assistant*

- Led a team of 4 members in maintaining and enhancing a web application by solving **50+ queries** raised by students, faculty.
- Automated the deployment process by introducing a version control system and migrated the code from the server to **Azure**.

**Tata Consultancy Services, India**

*Software Engineer*

*Aug 2019-Dec 2021*

- Collaborated with the feature lead to analyze and comprehend the business and functional requirements, thereby optimizing the **YAML/RAML** and executing the requisite business logic for a prominent banking client, **Bank of America**.
- Developed business models using **JAVA**, that collects data from various systems by employing **Agile software methodology**.
- Developed **Restful API** using **Spring Boot** and used **Swagger-Codegen** to build server-generated spring stubs.
- Engaged in continuous integration (CI) using **DevOps** tools for Java applications which eliminated manual installation and reduced the efforts of deployment teams by **60%**.
- Utilized Apache **Maven** for project management and dependency to enable seamless builds.
- Evaluated the performance and quality of APIs by developing unit test cases using **Junit, Munit**.
- Successfully deployed and maintained applications on **Ansible, Tomcat, and WebSphere** servers.

**Tata Consultancy Services, India**

*Associate Software Engineer*

*Aug 2017-Jun 2019*

- Migrated the **JAVA** application to **Mule API** by utilizing Mule Flows, Transform Message, HTTP endpoint, Scatter gather, and Message Enricher, and incorporated global exception and choice **exception strategy**.
- Proficient in working with **Dataweave** transformations for data integration and transformation purposes.
- Implemented **parallelism** using mule and externalized a number of concurrent tasks, which improved performance by **50%**.
- Utilized **Jenkins** build, **Bitbucket**, and **Artifactory** to streamline the development process.
- Implemented Spring **MVC** module for request and response mapping using **Waterfall software methodology**.
- Tested the application by utilizing **SoapUI/Postman** testing tool and analyzing **Splunk/Vanguard** logs at different stages of deployment pipelines, resulting in effective bug fixes.

## ACADEMIC PROJECTS

**A Generic Multi-Dimensional Database Search Engine – Course Project: Databases and Web**

*Mar 2023*

- Developed a **Full Stack** Application that implements a Web-based search engine that provides searching capabilities on any multi-dimensional data resource for colleges and Automobiles using Python.
- Created **HTML/JavaScript** page for the front end, **MySQL** for the database, and **GraphQL** queries for API calls.

## AWARDS

**Tata Consultancy Services, India**

*Mar 2020*

*Star of the Month* – for demonstrating exceptional performance and making a significant contribution to the organization.

## CERTIFICATIONS

Certified MuleSoft Developer (MCD – Level 1 (Mule 4))

*Aug 2019*