**Uma Maheswar Reddy Bandi**

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**Summary:**

* 3 years of professional experience in Cross-Platform (Web & Client-Server) application development and design Using Spring boot, Object-Oriented Programming, Core Java and J2EE technologies.
* Experience working in environments using Agile (SCRUM) and Test-Driven Development (TDD) development methodologies.
* Knowledge and experience in developing spring boot rest API microservices from scratch.
* Hands-on experience with Core Java with Multithreading, Concurrency, File Handling I/O, Generics, Data Structures and Collections, Garbage Collection.
* Experience in java8 features like Parallel Streams, Lambdas, functional interfaces, and filters.
* Experience in developing, deploying, and managing N - tier, server-centric J2EE enterprise class projects using Eclipse and Intellij.
* Good experience with Design Patterns (J2EE) like Singleton, Factory, Decorator, Fly Weight.
* Experience in Spring framework (MVC/IOC/ORM/JDBC/AOP)
* Experience in developing Microservices using Spring Boot.
* Expertise in the entire Software Development Life Cycle (SDLC) and strong hands-on experience in Object Oriented Analysis & Design.
* Having good experience to implement various J2EE and well versed with Design Patterns
* Created GET/PUT requests and responses using RESTFUL web services.
* Experience in coding secure and scalable customer-impacting features using Java or multi-threading.
* Experienced with RDBMS implementation and development using Oracle, SQL.
* Experience in using version control and configuration management tools like GIT, SVN
* Experience in using the tools like Ant and Maven for build automation.
* Knowledge in writing and automating Unit and system test cases
* Good understanding of business requirements and ability to develop analysis and technical documents.

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| EDUCATION |

**BTech (ECE)** From Jawaharlal Nehru technological university in Kakinada.

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| PROFESSIONAL SUMMARY |

Currently Working for GLINTSOFT INFOTECH PVT LTD from April **2021** to till date

**Technical Skills:**

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| **Technologies/Spring Frameworks:** | Java 1.8, Spring Boot, Spring JPA, Spring Cloud, Microservices, Spring Batch, Spring Security, Spring MVC. IDE/Build Tools: Eclipse, IntelliJ, Maven, Git |
| **Databases:** | Oracle, MySQL, H2 |
| **Testing Frameworks:** | Junit |
| **Web & Application Servers:** | Tomcat |
| **Operating Systems:** | Windows |
| **Version Control Systems:** | Bit Bucket, GitHub |

**Professional Experience:**

**Client:** Progressive, USA

**Duration:(October 2022- April 2024)**

**Position:** Java Backend Developer

The Progressive Corporation is an American insurance company, the third largest insurance carrier and the No. 1 commercial auto insurer in the United State

**Environment:** **Java, J2EE, Spring Boot, Microservices, Restful Web Services, Hibernate, Oracle**.

**Responsibilities:**

* Involved in splitting up the Large monolithic application into chunks of spring boot rest full microservices and implemented an orchestrator a bridge between the microservices using Java 8
* Developed chunks of microservices using spring boot, Hibernate and Web Services (RESTFUL).
* Used Hibernate for connecting to the database and mapping the entities by using hibernate annotations. Extensively used to access Hibernate in the data access layer and used Hibernate Query Language (HQL) for writing the queries
* Used IO package to load the file in orchestrator module
* Experience in Rest Template
* Configuration and setup experience with the RDBMS and other data storage solutions.
* Developed and Consumes SOAP and Restful web services and validated using SOAP UI.
* Core Java concepts such as OOPS Concepts, Collections Framework, and Exception Handling, I/O Systems, Multi-Threading, JDBC, Generics.
* Used various Core Java concepts such as Exception Handling, Collection APIs to implement various features and enhancements.
* Architecture and software design experience using design patterns and microservices.
* Deployed the application on PCF and used it to provide a large computing capacity for scalable solutions.
* Created POJO’s and DAO’s for the database entities using Spring JDBC annotation mappings.
* Used Java 8 features in developing the code like Lambda expressions, creating resource classes, and fetching documents from the database.
* Integrated with Spring Cloud projects to provide distributed tracing and other features.
* Developed Micro Services with spring and tested the application using postman.
* Used Spring Core annotations for Spring Dependency Injection, Spring MVC for Rest APIs and Spring Boot for Micro Services.

**TRIPS:**

**Client: Techno brain India Private Limited**

**Duration:(May 2021-August 2022)**

**Project Description:**

This is intended to cover the Tax Agent module Technical Design having services like

Agent registration Engagement request registration and Engagement response List Engagements

and Manage Engagements the Trips+ Tax Agent Management module allows a taxpayer to

engage aTaxAdvisor (Agent) to deal with their tax affairs on their behalf. This module allows a

the taxpayer to assign all taxtypes as default or designate different agents for each type. Agents complete an application to register through the portal and must already be a register taxpayer.

**Roles and Responsibilities:**

* Implementing functionalities using oriented architecture includes Controller, Service and DAO layers.
* Applied chain of responsibility Design pattern in generating zipped file and send mails along with attachment.
* Implemented Rest Applications in the Micro service Architecture.
* Created Rest App Configuration in Cloud config server.
* Implemented Clustering for rest app using ribbon as load balancer.
* Connected eureka server from Rest app for lookup and discovery services.
* Implemented Core concepts: Exception Handling, Collection Framework.
* Done File Upload and download using Spring boot

**Declaration:**

I do hereby declare that above information is true to the best of my knowledge.

**Name: B Uma Mahesh Date:**