**NAGENDRA.M**

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**Professional Summary:**

* **Around 5 years** of experience in development and implementation of Web applications.
* Good expertise development experience in Java, J2EEtechnologies.
* Extensive experience with **Spring Core**, **Spring IOC**, **Spring Boot**, **Spring Data JPA**, Spring JDBC, Spring MVC, Spring Integration and Hibernate ORM.
* Expertise to access/connect Data Access Objects to the database layer using **Hibernate/JPA.**
* Experience on Collection API.
* Having experience on Web Services **(JAX-RS) and (JAX-WS)** using spring/Jersey frameworks.
* Experience building **spring REST FULL** web service both consuming, producing side application.
* Experience on REST full API development and documentation using **Swagger** API.
* Good working on Spring cloud tools (**Config Server, Service Discovery (Eureka), Circuit Breaker (Hystrix), Routing (Zuul), Client-Side Load Balancing (Ribbon), Rest Client (Feign) and Distributed Tracing(Sleuth with Zipkin), Spring Cloud Bus)**
* Good knowledge on micro services architecture using Rest APIs, spring boot and pivotal cloud foundry, Docker.
* Extensive experience on Java Messaging Service **JMS API** (Producer and Consumer).
* Working knowledge of messaging systems such as **JMS, RabbitMQ**
* Knowledge on NOSQL database (**MongoDb**)
* Working knowledge on container environment such as (Docker) using spring boot.
* Hands on experience writing **Junit** test cases and code coverage.
* Experience in using Simple Logging Facade for Java (**SLF4J**) for different logging frameworks ([java.util.logging, logback, Log4j](https://www.baeldung.com/java-logging-intro)).
* Having Good knowledge in Structured Query Language (**SQL**).
* Thorough conceptual understanding and experience in developing object-oriented methodologies.
* Good knowledge on UNIX environment and writing shell scripts for executing java applications.
* Knowledge and experience in Agile Methodology
* Team player with ability to communicate at all levels of development process.
* Good working experience with Eclipse IDE to develop and debug Java applications.
* Ability to grasp new technology and tools quickly.
* Good experience in Web/application servers Tomcat/Web Logic.

**Professional Experience:**

### Currently working as Senior Software Engineer for Mphasis Bangalore since Auguste 2015 to till date.

### Worked as a Software Engineer in Magna InfoTech Bangalore from June 2014 to Auguste 2015.

**Educational Qualification:**

* **MCA** from **Visvesvaraya Technological University**, Belgaum with an aggregate of **65%** marks.

**Technical Skills:**

**Operating Environments** : Windows 2000/XP.

**J2SE Technologies** : Core Java, JDBC.

**J2EE Technologies**  : Servlets, JSP,JPA

**Frameworks** : Spring, Hibernate,

**Databases** : Oracle, Mysql.

**Application Server** : WebLogic.

**Web Server** : Apache Tomcat.

**Scripting** : shell script.

**Tools** : SLF4J,Maven,Junit, gradle

**IDE’s** : Eclipse

**Project Profile:**

**Project 1:**

Title : **FLAGS.**

Environment : Jdk, Spring boot, Hibernate, JPA, spring boot, AngularJs, Oracle,

Web service, JMS, GIT, SVN, Maven, Eureka, Hystrix, Zuul, Ribbon, Feign, Sleuth, Zipkin, Spring Cloud Bus.

Servers : Weblogic and Tomacat

Duration : June 2014 to till.

**Description**:

FLAGS: means FedEx Location and Geographic System. The main objective of FLAGS is to create an enterprise-wide location, geographic, transit and service system that will enable future business growth, service expansion and increased speed to market in full support of enterprise level solutions and services deployment.

**Role and Responsibilities:**

* Involved in Development of Business-logic using Spring.
* Implemented WatchService API to watch for file changes in directory and handling in running mode without restarting server.
* Implemented Executor framework this mechanism separates the task creation and execution.
* Developed Producing and Consuming JMS applications for sending receiving Messages.
* Developed Rest full web service using sparing boot (DeleteMapping, PutMapping, PostMapping, GetMapping) methods.
* Created REST full API Documentation using Swagger API and Junit test cases using Spring MockMvc.
* Implemented (Ehcache) using annotations in spring boot framework.
* Developed custom implementation EhcacheHandler classfor handling the caching operations (enableCache, disableCache, clearCache, clearAllCachemdeleteCache) at run time via jconsole without restarting the application.
* Migrating existing application into micro services architecture using Rest APIs, spring boot, Spring Cloud config server, eureka, zuul, hystrix.
* Used Spring Jdbc, Named Parameters and DAO layers to offer abstraction for the business from the database related code (CRUD).
* Configure logback (SLF4J) logging to spring boot.
* Customize the logging configurations and LoggerHandler java class to handle log levels through jconsole at runtime.
* Writing shell scripts for executing java applications in Unix environment.
* Developed the Data Access Objects (DAO) to get the data from the database.
* Involved test cases using spring test and DBUnit framework.
* Involved writing Junit test cases with TDD standards, code coverage up to > 90%.