**Naresh Gudipudi**

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**PROFESSIONAL SUMMARY: -**

* Over **8 year**s of experience as a Software Developer in designing, developing and testing of Web based Applications using technologies like Java, J2EE, **Rest API** and **Oracle**.
* Strong programming skills and Hands-on experience in designing and implementation of multi-tier applications using web-based technologies like **Spring Boot, REST API, Spring MVC and Hibernate**.
* Experience in writing Restful services using **Micro service architecture**.
* Hands-on experience and knowledge on Spring Core such as **Dependency Injection**, **Annotations** and XML based **Configurations.**
* Experience in **Java 8** features like **Lambada expression**, functional interface and **Streams**.
* Experience in design patterns like **Singleton**, DAO, Factory, DTO and MC.
* Worked with **MongoDB** documents and created Object to document mappings for various domain objects.
* Tested web services using Web client and **SOAPUI**.
* Experience in Automation Software testing of web-based applications using Java, **JUnit3/JUnit4, Mockito** and TestNG.
* Experience in Automating, Configuring and deploying instances on **AWS**, **PCF**(Pivotal Cloud Foundry**)**, Rackspace and Data centers, also familiar with **EC2**, **Cloud** **watch**, **Cloud Formation** .
* Good experience in creating complex **SQL** queries and **PL/SQL** packages, Procedures, Functions, Triggers and Views to retrieve and manipulate complex data sets in **Oracle** Databases.
* Experienced in writing shell scripts in **Unix** and **Linux** platform for automating nightly batches.
* Experience in Core **Java** concepts like OOPs, Exception Handling, **Multi Threading**, **Collections**, and J2EE technologies such as **Servlets, JSP, JDBC**.
* Hands on experience with **Python**.
* Hands on Experience in configuration and deployment of applications on **Tomcat**, **WebLogic** and JBoss.
* Experience in working with build tools like **Maven, Gradle** and build-automation tools like **Jenkins**.
* Hands-on experience in version control tools like **SVN** and **GIT**.
* Ability to work individually as well as in a team with excellent problem solving and troubleshooting capabilities.
* Experience in **Agile** Methodology and Scrum Software Development processes.
* Good technical abilities and skills developed by determining work ethic and self-learning.

**TECHNICAL SKILLS: -**

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| Operating Systems | Windows, Linux, Unix |
| Languages | JAVA 1.6/1.7/1.8, SQL, PL/SQL, Python, Scala |
| Database Technologies | Oracle 11g/12c, MySQL, MongoDB |
| Java Web Technologies | Servlets, JDBC, JSP, RESTful Services(Rest API), Spring, Spring boot, Spring security, Spring Cloud, Spring Data JPA, Spring MVC, Spring Vault, Hibernate, JSON, XML, JAX-RS, JWT, Oauth/Oauth2 |
| Application Servers | Web Logic, Tomcat |
| Methodologies | Agile, Scrum, Waterfall |
| IDE Tools | Eclipse, Intellij, NetBeans |
| Defect Tracking Tools | JIRA, VersionOne, Bugzilla |
| Version control | SVN, GIT, GERRIT, Bit bucket |

**EDUCATION: -**

* **Master of Science** in Computer Science from Virginia Tech, USA
* **Bachelors** in Information Technology from Indian Institute of Information Technology, India.

**PROFESSIONAL EXPERIENCE**: -

**Allstate, USA Jul 2019 to till date**

**Responsibilities: -**

* Developed application on Spring framework by utilizing its features like Spring Dependency injection, Spring BOOT, Spring Securiity, Spring Cloud, Spring REST and Spring Web flow with Spring MVC.
* Developed REST consumers and producer services with Spring boot and Spring Data JPA using Micro services architecture.
* Created **Services** to consume **REST APIs** and to communicate between components using **Dependency Injection**
* Used Rest Controller in Spring framework to create **RESTful Web services** and **JSON** objects for communication.
* Implemented Rest Endpoints with WebHDFS Kerberos Authentication.
* Developed JSON Web Token(JWT) based Authentication and Authorization mechanism to secure application Rest Endpoints.
* Developed a JWT Token consumer system to classify and process various types of User to Application and Application to Application tokens
* Migrated code from Oauth/Oauth2 based Authentication and Authorization implementation to Spring Security 5.x based implementation.
* Implemented security mechanism using Spring Vault to securely store application sensitive data like Keytabs, Public and Private keys.
* Developed DAO classes to map entities from SQL database to internal java objects.
* Developed various java objects (POJO) as part of persistence classes for OR mapping with databases.
* Developed SQL stored procedure and prepared statements for updating and accessing data from database.
* Involved in Core Java concepts like Collections, Exception Handling, Multi-Threading, Serialization.
* Followed and implemented techniques like lazy loading in Java and Hibernate to enhance application performance and to reduce memory footprint.
* Developed and deployed multiple instances of microservices based applications to Pivotal Cloud Foundry.
* Implemented Junit and Mockito based test cases for all the APIs and business logic.
* Used Maven and Gradle for application build and Jenkins for continuous integration and deployment and Branching, Tagging, Release Activities on Version Control Tools like GIT and GERRIT.
* Used Version One and JIRA tracking tools for assigning and defect management.
* Used framework Log4J2 for logging application related messages and logs.
* Creating spaces and pages in confluence to maintain information about application summary and flow, usage of tools, way to access Rest Endpoints, new user onboarding, etc.
* Followed Agile software methodology for project development. Agile delivery of software using practices of short iterations, sprints, Scrum.

**Environment:** Java 1.7/1.8, Windows/UNIX, GIT, Eclipse/IntelliJ, JUNIT, Restful Services, SQL, Spring Boot, Spring Data JPA, Spring Security, Spring Vault, Pivotal Cloud Foundry, Version One, JIRA.

**Cisco Systems, USA Feb 2014 to Jun 2019**

**Responsibilities: -**

* Developed REST consumers and producer services with Spring boot and Hibernate using Micro services architecture.
* Implemented service layer using Spring IOC and annotations, Controllers using Spring BOOT and Spring MVC.
* Developed DAO classes, Row Mapper classes to map records from database to java objects.
* Migrated existing monolithic code base into Spring Boot Microservices.
* Performed Validations on the UI using Spring Validation framework.
* Created DAO interface, abstract class and concrete classes to interact with persistence entities.
* Wrote HQL to handle data from database using Hibernate APIs.
* Involved in writing new batches and modifying existing batches for generating nightly reports.
* Developed Procedures, Functions, Triggers, Materialized Views, Packages, Simple, Ref & Traditional Cursors, Dynamic SQL, Table functions as part of Project/Application requirements.
* Created AutoSys Jil scripts for batch job scheduling.
* Worked on SQL tuning for performance issues in PTE.
* Involved in creating and merging release branches using GIT.
* Involved in testing web services using JUNIT, Mockito and SOAPUI.
* Active participation in sprint planning and conducting Scrum meetings.
* Created documentation for Rest Services using Swagger tool.
* Selecting the appropriate AWS service based on compute, data or security requirements.
* Used Amazon cloud watch to monitor AWS services and Amazon Cloud Watch logs to monitor application.
* Deployed applications to DEV/UAT Servers daily using Jenkins build and automated deployments.
* Involved in production Support activity and used Splunk tool to check the logs and fix the bugs.

**Environment:** Java 1.8, UNIX, GIT, Oracle12c, Eclipse, JUNIT4, Restful Services, PLSQL, TOAD, SOAPUI, SQL, Spring Boot, Hibernate, JIRA, SPLUNK.

**Comviva, India Jun 2009 to Dec 2011**

**Responsibilities: -**

* Interacted with business users to discuss requirements. Worked on gathering Functional and Technical Requirements, Design, Analyze, Develop and unit testing.
* Developed and consumed Restful services using GET, POST and PUT HTTP methods.
* Converted project from using JSON binder to GSON for services request and response format.
* Worked on data migration from Oracle to mongo db.
* Created Object to Mongo mappings for various domain objects.
* Wrote services to store and retrieve user data from the MongoDB.
* Developed DAO classes, Row Mapper classes to map records from database to java objects.
* Developed Procedures, Functions, Triggers, Materialized Views, Packages, Simple, Ref & Traditional Cursors, Dynamic SQL, Table functions as part of Project/Application requirements.
* Using SVN performed code branching, merging and creating release branches.
* Developed **JDBC** Programs to call SQL Procedures and Written **JUNIT** test cases for Unit testing. Also prepared test coverage reports of test status using Cobertura.
* Tested web services with Web client and SOAPUI.
* Involved in production Support activity like troubleshooting production issues.

**Environment:** Java 1.7, UNIX, GIT, OracleDB, MongoDB, Eclipse, JUNIT3, Restful Services, PLSQL, TOAD, WebClient,SQLDeveloper, Spring, Hibernate, Bugzilla.