**Sri Gaddam**

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 **Full Stack Developer**

**Summary**

* Over 6+ years of experience in full stack development by using the JAVA/J2EE technologies in all phases of SDLC which involves architecture, design, development, deployment, testing, documentation, implementation & maintenance of Web-based applications and client-server multi- tier applications.
* Experience in development and implementation of Web-based multi-tier distributed applications using J2EE technologies.
* Very Strong Object-Oriented Developer with experience in Software Design and Product Engineering.
* Proficient in application development using Spring modules: Spring Boot, Spring Core, Spring AOP, Spring JDBC, Spring ORM, Spring Web, Spring Data, Spring Security, Spring Actuator.
* Very strong experience in micro service architecture design using spring cloud and Netflix OSS.
* Strong experience in developing Restful and SOAP Web services.
* Experience in creating Docker components like Docker Images and orchestrating it using Docker Compose.
* Experience in using J2EE Design Patterns like DAO Pattern, Singleton Pattern, Front Controller and Factory Pattern for reusing efficient and effective strategies for new developments.
* Well experienced in MVC architecture, Struts, Spring MVC including Validations and business flow of applications.
* Involved in building and deploying Maven/Gradle scripts for deployment and customizing WAR/ JAR file management for web applications.
* Experience in Code quality tools such as SonarQube, Check Marx.
* Well versed with build automation tools such as Gitlab, Jenkins, Gradle.
* Well experienced in using JUnit, Mockito unit-testing framework.
* Expertise in using configuration management tool like CVS, GIT, Gitlab for version controlling.
* Played a major role in successfully completing my projects and effectively managing/coordinating with team members, delivering in fast paced& highly competitive environments.
* Ability to communicate effectively with all levels of the organization such as technical, management and customers and presented technical designs and strategies through daily operations meetings.
* Mentoring and training the team on domain and technical knowledge for better performance to achieve organizational objective
* Involved in effort estimates and project planning
* Experience in coordinating with offshore and multiple cross commit teams to meet the project timelines
* Proven skills in Requirements gathering and documenting use cases. Excellent Communication and People
* AWS: S3, IAM, EC2, ROUTE 53, Databases of AWS, VPC, AWS Object Storage and CDN - S3, Lambda, EMR, Kinesis, Glacier and Cloud Front.
* Experience in building single page applications (SPA) using HTML/HTML5, CSS/CSS3, JavaScript.
* Strong programming knowledge of Java, OOD, OOP, Servlets, JSP, EJB, Web Service SOAP & REST API, JMS, JWS, Spring, Spring Boot, XML, XML4J, XSQL, XPATH, Java Script, Angular.js, Node.js.
* Splunk 4.2.1, IBM RSA8.0, STS, WSAD 5.1, CMP, Eclipse 3.x, IntelliJ IDEA
* Hartonworks & Cloudera– Data Management Platform
* DevOps – Jenkins, GIT, CI CD Pipeline using Groovy Script, TDD, Paired Programming.
* Linux-Apache Tomcat server microservices, Unix shell scripting.
* Big Data experience in ingestion, storage, querying, processing and analysis using Hartonworks.
* Expertise in Hadoop ecosystem- HDFS, YARN, Pig, HBASE and Hive for data analysis and Spark-Scala for Data Processing, SQOOP for data migration.
* Experience in importing and exporting data using SQOOP from HDFS to RDBMS, HIVE and vice-versa.
* Involved in designing Hive schemas, using performance tuning techniques like partitioning, bucketing.
* Analyzed the data using Hive queries and running Pig scripts to study customer behaviour.
* Experience in NOSQL Database such as HBASE.
* Very good communication and analytical skills and can work independently as well as in a team environment.

**Technical Skills:**

**Operating Systems:** Windows NT, 2000, XP, LINUX, UBUNTU

**Languages**: Java, JDBC, RMI, Swings, Servlets, XML, EJB & JSP, JNDI. Spring Boot, Java Script, Angular.js, React.js and Node.js.

**Frameworks**: Spring Boot, Spring data, Spring Cloud, Netflix OSS, Spring Data JPA, Spring 2.0 (Spring-ORM, Spring-IOC, Spring-AOP), Hibernate 5.x, JavaScript, HTML5, CSS3, SCSS, JSP,

**Tools & Utilities:** RSA7.0, RAD, WSAD, STS, Splunk, Tealeaf 7/8, Atom, IntelliJ IDEA , Eclipse

**Methodology**: Extreme Programming (XP)- Pair Programming, Test Driven Development (TDD), Continuous Integration, Refactoring, Code Reviews

**Hadoop Ecosystem:** HDFS, YARN, Map Reduce, Pig, Hive, SQOOP, HBASE, Flume, Kafka, Spark with Scala, Spark Streaming, Spark SQL. Horton work

**Servers**: Rational XDE Developer for java, web sphere, Apache Tomcat

**Container Technologies:** AWS ECS, Docker, Docker Compose

**Web service:**  Restful, SOAP

**Version Control Tools:** GIT, GitLab, SVN, CVS, Clearcase

**Databases**: Oracle12c, SQL Server, My SQL, DB2, Postgres, MongoDB, Cassandra, Stored Procedures, Functions, Triggers

**Work Experience:**

ClientAmerican Century Investments, Kansas City, MO

Role Java/Full Stack Developer.

Duration June 2019 – present

Description: American Century Investment Management Inc. seeks Investment Research Analyst responsible for researching prospective stocks for both domestic and non-US Companies, monitoring current portfolio holdings for the Global Value strategies as well as providing support for the team’s portfolio managers. Trust Financial Corporation provides financial services. The Company offers wide range of services including retail, small business and commercial banking, asset management, capital markets, commercial real estate.

Environment Java 1.8, Groovy, Dev tools, GIT, GitLab, Restful Web Services, JSON, ATOM, Eclipse, Spring Boot, Spring Cloud Netflix OSS, Spring Data JPA, Gradle, Hibernate, Elasticsearch, Swagger, AWS, Docker, Docker Compose, Node.js, JUnit, Mockito, SonarQube, Check Marx, Jenkins, Tomcat, Glacier, **Microservices**, AWS S3, EC2, Lambda, Cloud Front, CloudFormation, Hitachi Content Platform.

Responsibilities:

* **Developed and tested modules using Agile (SCRUM) methodologies and developed Technical design documents.**
* Developing Restful service endpoints using Spring MVC.
* Objective of this component is to Store objects such as pdf, audio, video and different versions Enterprise rental car data from stored shared Windows/Linux to AWS S3 and Hitachi Content format. The data usually in Peta bytes in size.
* Developing Microservices using Java 8 and Spring Boot framework in agile methodology.
* Developed spring MVC test for Rest controller and Mockito for service and Data components using Java8
* Design roles and groups for users and resources using AWS Identity Access Management (IAM).
* Developed Java API to connect with AWS S3 Services for storing and retrieving data stored in the S3 buckets.
* Developed Lambda functions from eclipse IDE AWS plugins and store the documents in S3 using SNS Notifications
* Developed Preassigned URL for each document using AWS SDK libraries This will allow user to navigate and access freely without entering credentials to HCP/AWS console.
* Writing Unit test cases using JUnit testing framework and performed unit and system testing.
* Used Maven for building, deploying application, creating JPA based entity objects.
* Designed and developed front end screens for new reports using Swing components.
* **Designed and developed Microservices using REST framework and MVC.**
* **Enterprise level web applications were supported by building Spring based Java micro services.**
* Involved in writing and executing stored procedures, functions, and triggers for Oracle and PostgreSQL to create a Database.
* Used JDBC/Hibernate in persistence layer of the application.
* Used Spring Framework for Dependency Injection and integrated it with the Struts Framework and Hibernate.
* Spring MVC Framework IOC (Inversion of Control) design pattern is used to have relationships between application components. It is also used to separate the application configuration and dependency.
* Used Jenkins for continuous integration in which all development work is integrated and involved in deploying the application using Docker to AWS environment.
* Installing, configuring, and administering Jenkins CI tool using Chef on AWS EC2 instances.
* Used Micro-services to ensure the scalability of application on cloud infrastructure.
* JSON used as the main data-interchange format in place of XML.
* **Designed and developed Microservices using REST framework and Spring Boot.**
* **Enterprise level web applications were supported by building Spring based Java micro services.**
* Used Junit Framework for the unit testing of all the java classes.

Client LA Showroom, Los Angeles, CA

Role Java/Full Stack Developer

Duration Jan 2018 – May 2019

Description: LA showroom is a multi-line men’s and women’s showroom. Connecting specialty boutiques, departments store and online retail boutiques with upcoming and talented designers. Provides virtual showrooms where fashion retailers can promote a carefully screened and selected collection of the best possible products.

Environment Java 1.8, Apache Strom, Groovy, Dev tools, Bitbucket, Jira, Restful Web Services, JSON, ATOM, Eclipse, Spring Boot, Spring Data JPA, Micro Services, Swagger, AWS, Docker, Docker Compose, Angular.js, Node.js, NPM, JUnit, Mockito, SonarQube, Check Marx, Jenkins, Tomcat, Eclipse, Log4J, Git, Web Pack, AWS S3, Glacier, Lambda Function, Cloud Watch, Step Function, Bigdata, HIVE, HBASE, Jenkins CICD

Responsibilities:

* **Used Agile methodology and attended daily and weekly SCRUM meetings to update working status etc.**
* Developed Graphical User Interfaces using HTML5, CSS3, bootstrap, Angular4 and JSP's for user interaction.
* Implemented controllers, models and used ng-repeat to render JSON response to DOM.
* Implemented Spring MVC architecture and Spring Bean Factory using IOC, AOP concepts.
* Extensively used Core Spring MVC Framework for Dependency Injections of components.
* Built microservices with Spring Boot to serve multiple applications across the organization. The data is provided & consumed in JSON
* Created Hibernate mappings and debug issues related to data integrity
* Created RFP microservice to provide RESTful API utilizing Spring Boot with Microservices.
* Used Web Logic for design, development, and deployment of applications.
* Creating Pivotal support tickets and working with the Vendor for the Pivotal Cloud Foundry related issues on a WebEx sharing and conference bridge
* Developed payment system module using Spring Microservices on Pivotal Cloud Foundry after successful execution of the main business model
* Developed the Web Services Client using REST, RSDL for verifying the new customer history to a connection.
* Experience in developing and implementing Micro services and applications using Spring-boot on Docker.
* Extensive experience developing Web based applications using Java, J2EE, Web Services (SOAP & REST).
* **Used J2EE design patterns like MVC, Singleton, Factory, DAO, DTO and Service Locator etc.**
* Developed RESTful web services using Jersey, Spring framework and JAX-RS.
* **Created REST based web services by establishing links using HATEOAS from Spring based application.**
* **Used Spring core for dependency injection/inversion of control (IOC), and integrated with Hibernate.**
* **Spring Boot Microservices were developed with microservice architecture using REST and Apache Kafka.**
* Identified Re-Usable components in all modules and written Re-usable functions using Selenium Web driver and Java / Java Script.
* Developed and Implemented micro services applications using Cloud Foundry, Spring Boot.
* **Deployed Docker contained Spring boot micro services into Spring EC2 container service using AWS admin console**
* **Experience with building Docker Images and running them on Docker container.**
* Developed Python OO Design code for logging and debugging code optimization.
* Prepare Java/J2EE development structure for Eclipse, maven, Jetty.
* Extensively used Java 1.8 features such as Lambda Expressions, Parallel operations on collections for effective sorting mechanisms and new Date Time API.
* Used Java8 features in developing the code like Lambda expressions, creating resource classes, fetching documents from database
* Used Jenkins as the integration tool and improved scalability of applications on cross-platforms.
* Used JIRA to keep track of bugs and issues.
* Using JUnit test in Eclipse, developed Unit test cases and test suite. Curl was also implemented to test
* Used Maven for build and deployment to Tomcat server and Splunk as log monitoring.
* Developed Ansible to manage Web applications, Environments configuration, Users, Mount points and Packages.
* **Used Git for version control and JIRA for bug Tracking and Project Management.**

Client State Farm Insurance, Bloomington, IL

Role Java Developer

Duration June 2016 – December 2017

Description: State Farm Mutual Automobile Insurance Company operates as an insurance company. The

Company offers vehicle, auto, accident, homeowners, condo owners, renters, life and annuities,

fire and casualty, health, disability, flood, business, and boat insurance products and services.

Environment Java 1.8, Groovy, Dev tools, GitHub, GitLab, Restful Web Services, Json, ATOM, Eclipse, Spring Boot, Spring Cloud Netflix OSS, Spring Data JPA, Gradle, Hibernate, Elasticsearch, Swagger, AWS,S3, Glacier, Lambda, EMR, Kinesis, Cloud Front and CloudFormation, Docker, Docker Compose, Node.js, JUnit, Mockito, SonarQube, Check Marx, Jenkins, Cassandra, MongoDB, Tomcat, Hdfs 2.7, Sqoop 1.4.6, Hive 1.2.1, Kafka 2.11, ZOO Keeper 3.4.8, Flume1.7, Spark and Hbase 1.3, Splunk 4.2.1, Tealeaf 8, Business Availability Center (BAC)7.55, JRF Data Tool, J-unit, and Mockito.

Responsibilities:

* Developing Microservices using Java 8 and Spring Boot framework in agile methodology.
* Developing Restful service endpoints using Spring MVC
* Developed Spring MVC test for Rest controller and Mockito for service and Data components using Java8
* Java 8 New feature implementation (Functional Interface, stream, lambda, date and time)
* Developing Spring Cloud Netflix OSS components such as ZULU, Ribbon, Eureka, Circuit Breaker
* Design roles and groups for users and resources using AWS Identity Access Management (IAM).
* Developed Java API to connect with AWS S3 Services for storing and retrieving data stored in the S3 buckets.
* Developed Lambda functions from eclipse IDE AWS plugins and store the documents in S3 using SNS Notifications
* Configure and managed AWS ECS for Docker Image and Container
* Developed Cloud Formation templates using JSON/YAML for AWS VPC and other resources setup
* Used multiple AWS services in our applications like SQA, Kinesis streams.
* Containerization using Docker to run on the AWS Cloud platform
* Used Node JS modules such as Express.js for server-side routing.
* Used Spring Data JPA with hibernate for performing data related operations.
* Worked on creating the Gradle tasks for the deployment.
* Used GitLab as the source control repository and CI/CD automation
* Continuous code quality pipeline stage for SonarQube, Check Marx.
* Followed Test-driven Development (TDD) in developing the services. AWS EMR setup for multi node clusters
* Loading sales data from ORACLE to Hadoop using Sqoop. Experienced in analyzing data with Hive and Pig
* Worked in Loading and transforming large sets of structured, semi structured and unstructured data. Used HiveQL to analyze the partitioned and bucketed data and compute various metrics for reporting. Dumped the data from HDFS to MYSQL database and vice-versa using SQOOP.
* Involved in creating Hive Tables, loading with data and writing Hive Queries.

Client Flipkart, India

Role Java Developer

Duration May 2014 – May 2016

Description: Flipkart Online Services Private Limited owns and operates e-commerce website. The Company

provides books, movies, music, games, consoles, televisions, mobiles, digital cameras, computers,

network components, software, peripherals, apparel, shoes, and kitchen appliances. Flipkart Online

Services serves customers in India.

Environment Java, XML, Java SDK, XML, XSD, SAX, JSP, JMS, SASS, HTML, Struts, Hibernate,

Servlets, Eclipse, Web Services, JUnit, Unix, Ajax, Gradle, Oracle.

Responsibilities:

* Determine a viable and scalable solution to support Target’s annual import volume growth. The solution will address the Customs, Finance and functions associated with Direct Imports to meet the business goals.
* Involved in various phases of Software Development Life Cycle (SDLC).
* Extensively used core Java Collections, Generics, Exception Handling, and Design Patterns for functionality Involved in writing different Design Patterns like Filter, Action, Business Delegate, Service Locater, Data Transfer Objects (DTOs) and Data Access Objects (DAOs)
* Involved in writing the exception and validation classes using Struts validation rules.
* Implemented the Email module, which included setting up JMS message queue.
* Used Apache Axis for consuming Web Services.
* Used JDBC/Hibernate in persistence layer of the application.

**EDUCATION:**

**University of Central Missouri**

Master of Science – General Computer Science

 **Jawaharlal Nehru Technological University, India**

 Bachelor of Engineering – Computer Science