**Durga G** **Durgag0555@gmail.com**

 **Sr. Java Full Stack Developer (405) 459-8066‬**

**PROFESSIONAL SUMMARY:**

* Around 8 years of professional work experience in Object Oriented Programming, design and development of Multi-Tier distributed, Enterprise application using **Java** and **J2EE** technologies.
* Expertise in using Agile Software Development methodologies like Sprint, Scrum and Traditional software models like Waterfall and Test-Driven Development **(TDD).**
* Having Strong experience in User Interface development using web technologies like **HTML5, XHTML, DHTML, CSS3(SAAS/LESS), Bootstrap, JAVASCRIPT, JQUERY, AJAX.**
* Extensive knowledge in developing applications in a single page (SPAs) using various JavaScript frameworks like Angular, React.
* Expertise in developing Single Page Applications (SPA) with Angular Framework with various versions like 4,6 and 8
* Designed pages using **Angular 6/8** Validations, **Modules**, **Expressions**, **Directives**, **Controllers** and Filters.
* Strong experience in developing cross platform server-side **JavaScript** frameworks using **Node JS** (Hopi JS, Express JS, Handlebar JS) BackBone.js to achieve scalability in real-time web applications.
* Utilized **Java 8** features like Lambda expressions and Stream API for Bulk data operations on Collections
* Hands on experience in multiple components of spring framework like **Spring MVC, Spring DAO, Spring AOP** and **Hibernate frameworks.**
* Strong experience in **Spring Framework** modules such as **Spring MVC, IOC, AOP, JDBC, JTA, IO, Spring Boot, Spring REST, Spring Boot Actuator, Spring Batch, Spring Cloud, Spring Security, Spring Microservices.**
* Extensive experience using the Java technologies: Core Java, JDBC, Java Message Service, JSP, Servlets, JPA, EJB, Swing, Applets, and JSTL.
* Developed web-based enterprise applications using core Java, **J2EE**, Servlets, JSP, JSF, JDBC, Hibernate, Web services like **SOAP** and **REST**, MVC framework like Struts, **Spring MVC and SQL**.
* Expert in implementing Microservices, Service Oriented Architecture **(SOA)** with XML based Web services like SOAP/UDDI/WSDL using Top-down Approach and Bottom-up Approach.
* Developed and deployed **Micro Services** based applications using Spring Boot and Spring Cloud.
* Used Java Message Service (JMS) to create, send, receive, and read messages using apache Kafka, Rabbit MQ.
* Expertise in writing SQL queries, Functions, Triggers, and good knowledge of Relational databases (MySQL, Oracle, PostgreSQL, and DB2) and NoSQL (MongoDB, Cassandra).
* Proficient in **SQL, PL/SQL, Stored Procedures** and **Triggers** while dealing with automation on **DB.**
* Strong experience with **MongoDB** development (reports, schema design, map reduce functions) and migrations from SQL relational databases to NoSQL databases.
* Strong programming skills in Java and J2EE with extensive ability to develop scalable applications
* Experienced with the build tools like **ANT**, **Maven**, Gradle and logging tools like **Log4J**.
* Hands on experience in implementation of PCF (Pivotal Clouds Foundry) and Expertise in unit-testing with tools like JUnit, Mockito.
* Experienced in using **GitHub, Bitbucket**, CVS, SVN and Monotone For version control.
* Worked on Validating RESTAPI’s using **Postman**.
* Expertise in Microsoft Azure Cloud Services **(PaaS & IaaS)**, Application Insights, Document DB, Internet of Things (IoT), Azure Monitoring, Key Vault, Visual Studio Online (VSO) and **SQL Azure.**
* Designing, configuring, and deploying applications utilizing the Azure and ARM mainly focusing on auto-scaling, high availability, and fault tolerance.
* Expertise in Amazon Web Services **(AWS)** such as **EC2,** Lambda, **S3**, Security groups and Simple Notification Services.
* Experienced in developing applications using Visual Studio, **Eclipse**, Android Studio, Spring Tool Suite, and **IntelliJ**.
* Extensive experience in Implementing **Docker** container service, build pipeline like Jenkins, Bamboo for Continuous Integration and Continuous Deployment that can run on the cloud or on-premises.
* Proficient with container systems like **Docke**r and container orchestration like EC2 Container Service, **Kubernetes**, worked with Terraform
* Managing Docker Containers and **Kubernetes** Cluster by OpenShift platform.
* Worked in TDD using **Junit, Mockito** and version management tools **GitHub, SVN**.
* A proven Team Player with experience in managing multiple applications at a time, offshore teams and various levels of developers and stakeholders.

**TECHNICAL SKILLS:**

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| **Programming Languages** | Java (1.5/1.6/1.7/1.8), SQL, PL/SQL. |
| **Software Methodologies** | Agile, Scrum, TDD, SDLC |
| **Web Technologies** | HTML, DHTML, AJAX, Bootstrap, JavaScript, jQuery, XML, XSLT, XSL, CSS, JSON, NodeJS, AngularJS, Angular 6. |
| **Frameworks** | Spring 4.3, Hibernate 4.3, Angular JS 1.0/1.5/2.0, Spring Security 3.2, Spring MVC, Spring Boot, Spring Data, Spring Cloud, Spring AOP, Servlets, Java Swing, Applets, Spark |
| **Web Services** | SOAP, RESTful, Oracle SOA, UDDI, WSDL |
| **Design Patterns** | Singleton, Data Transfer Object, Data Access Object, MVC. |
| **IDEs** | Eclipse, Net Beans 8.0.2, IntelliJ IDEA 2017.1, Spring Tool Suite 3.8.3, ATOM. |
| **Application/Web Servers** | Web Logic Server 12c, Apache Tomcat (8.5/8.0), Apache HTTP Server, IBM HTTP Server (8.5) |
| **Relational Databases** | Oracle 9i/10g/11g/12c, SQL Server 2012/2014/2016, MySQL, Postgres SQL.                 |
| **NoSQL Databases** | MongoDB, Cassandra, NOSQL |
| **Build Tools** | Maven3.3.9, Ant 1.10, Gradle 3.4.1, Jenkins |
| **Testing Tools** | JUnit, Mockito, Log4J, Mock Framework, Cucumber, Selenium, Jasmine, Karma |
| **Reporting Tools** | Jasper Reports 6.0, Crystal Reports XI, SSRS 5.0 |
| **Version and Source Control** | GIT, Bit Bucket, CVS, SVN, Rational Rose, GITHUB 2.12.0 |
| **Operating Systems** | Windows, Unix, Linux |
| **Cloud Technologies** | AWS, EC2, Pivotal Cloud Foundry (PCF), Docker, JIRA, Azure |
| **O-R Mapping** | Hibernate, JPA |
| **Messaging** | JMS MQ, IBM MQ, Rabbit MQ, IBM MQ 8.0, Kafka |

**PROFESSIONAL EXPERIENCE:**

**Client: Fiserv, Alpharetta, GA**

**Role: Sr. Java Full Stack Developer**

**Period: Nov 2020 – Present**

**Responsibilities:**

* Worked on **Agile** Methodology with bi-weekly sprints, and daily scrum meetings with backlogs and story points.
* Implemented responsive UI rich web applications with **HTML5, CSS3, Bootstrap4** and Angular frameworks and used reactive & template driven forms to associate HTML elements to model & provide dynamic user validations on client side.
* Designed and developed dynamic Multi-Browser compatible responsive web application using **Angular 9/8/7/6, AngularJS, JavaScript, HTML5, CSS3, and Bootstrap.**
* Written Angular 6 application while using TypeScript for notification management and delivery.
* Implemented Angular 6 Router to enable navigation from one view to next as agent performs application tasks.
* Developed Application to assess **JSON** and **XML** from Restful web service from consumer side using Angular 6.
* **NodeJS** EXPRESS Server is created by combining with Socket.io to build **MVC framework** to backend Oracle 11g Database.
* Used **Node Package Manage (NPM**) for configuring the modules and libraries required for the application.
* Used NodeJS for development and support for client and server-side applications.
* Involved in Developing of Application based on **J2EE** using Hibernate and Spring framework.
* Building cloud **Microservices** and implemented back-end using Spring Boot.
* Used Spring MVC Transaction Management, Spring/Hibernate Batch Transactions & Hibernate cache concepts.
* Used latest **Spring Boot**, which is radically faster in building cloud based Micro services with very less configuration.
* Worked with Spring Features like Spring MVC, Spring DAO, Spring Boot, and Spring Batch.
* Developed batch processing using Spring Batch in the persistence layer & improved performance of batch.
* Implemented Relational Database Oracle and **PL/SQL** store procedures
* Developed stored procedures and triggers using PL/SQL to calculate and to update the tables to implement the business logic using **Oracle database**.
* Interacted with backend Oracle and wrote Stored Procedures, Functions and Cursors for deleting and inserting using **PL/SQL**.
* Created **Mongoose schema** to perform CRUD operations using **MongoDB (NoSQL)** database and communicated with remote server using **REST** enabled web service on **jersey framework**.
* Using **GIT** for Source Control and Version Management and using log4j 2 for logging.
* Developed the project using AWS EC2, **S3 Buckets**, Data pipeline, Elastic Bean Stalk, CloudWatch, AWS Server Migration Service, Lambda, Amazon messaging services (SQS) and Amazon Kinesis Services.
* Created **S3 buckets** and managing policies for S3 buckets and Utilized them effectively also used Glacier for storage and backup on AWS.
* Developed and deployed restful **web APIs** in AWS instances with Open shift, and Docker technology.
* Used Microservices architecture with Spring Boot based services interacting through a combination of REST and Apache Kafka message brokers.
* Designed and implemented triggers to **Splunk** infrastructure, deployment, products, apps, reports, alerts, and dashboards.
* Experience working with testing tools like Jasmine, Selenium, Jest, Firebug, Protractor, Chrome/safari web inspectors and IE Developer Toolbar.
* Used **JIRA** to keep track of the project, bugs, and issues.
* Performed unit testing with **Junit** and tested using **Swagger-UI** and **Postman** for API testing.
* Worked within development teams with **BDD** approach to develop web UI tests using **Cucumber, Gherkin** and **Selenium Web Driver.** Worked with **Jenkins** for **CI/CD**, **JIRA** for project management.
* Used to test performance both on static and dynamic resources using **JMeter.**
* Utilized **Git Hub** (Git Bash & Git Kraken) and **SVN** for the purpose of version control.

**Environment:** Java, spring, Spring Boot, Agile, Spring cloud, Spring framework, Apache Kafka, Splunk, SQL, Docker, Spring Security, AWS, EC2, Microservices, CI/CD, Oracle, Jenkins, OpenShift, Bootstrap, JavaScript, Hibernate, Maven, JIRA, JMeter, Junit, ANT WebLogic, Git Hub

**Client: Primero Edge, Kansas City**

**Role: Sr. Java Full Stack Developer**

**Period: August2019-Oct2020**

**Responsibilities:**

* Involved in the development using **Agile** development process to gather and analyze the requirements of the Application.
* Usage of customized components were made and developed UI application using **Angular 6.0**.
* Created services on UI for storing and retrieving data from UI to the backend and Implemented customer side validations using **Angular 6.0**.
* Project was under migration converting Angular4 to **Angular6**. Implemented the complete set up with configuration file changes of angular components and updating router Modules.
* platform modules were Implemented through Spring Java **microservices** and NodeJS services by employing Hapi.js
* Used **NodeJS** for server communication through **Restful API** and added user validations & permissions.
* Created the architecture for the RESTful API using Express and NodeJS.
* NodeJS is used to run Grunt tasks and build properly the project and Implement modules into **Node JS** to integrate with designs and requirements.
* Implemented the associated business modules integration using Hibernate data mapping and **Spring framework.**
* Implemented **Hibernate** Template to great extent making use of HQL, Named Parameters, Named Queries and interfaces such as Expression, Query and Criteria.
* Application is implemented using **Spring Boot** and handled the authorization, authentication features by using Spring Security.
* Used **Spring MVC** module to write REST controllers, map URLs for the request and presented with different views for usage of different cases.
* **Spring MVC** module is used to develop MVC Architecture. Integrated the application with **Spring-MVC** using Spring Boot, Spring Dependency Injection (DI), and Spring Annotations.
* Migrating existing application into REST based Microservices to provide all the CRUD capabilities using **Spring Boot**.
* **Spring Boot** which is radically faster in building cloud Microservices and develop Spring based application with very less configuration.
* Used Jersey to implement Restful Web Service and used JSON form to transfer the data.
* Designing and developing the RESTFUL web services using the JAX-RS API to communicate over the network.
* Performed **CRUD** operations like Update, Insert, and Delete the data in NoSQL database MongoDB
* Implemented Relational Database Oracle and **PL/SQL** store procedures.
* Developed stored procedures and triggers using PL/SQL to calculate and update the tables to implement business logic using Oracle database.
* Interacted with backend Oracle and wrote Stored Procedures, Functions and Cursors for deleting and inserting using PL/SQL.
* Deployed **Micro-services** as Restful Java Web Services on Amazon Elastic Beanstalk.
* Have experience in developing and configuring JMS components in WebLogic Application Server.
* Involved in writing java API for Amazon Lambda to manage some of the **AWS** services. AWS S3 is used to store the data and to retrieve the stored date quickly and **Elastic Search** for searching the document.
* Amazon **EC2 instances** was used to host the designed and developed frameworks to consume Web services.
* Worked on AWS Elastic load balancing for deploying applications in high availability.
* Used **Log4j2** for tracking errors and debugging the code and resolved bugs.
* Created public and private subnets within the **VPC** and attached them to the **EC2** instances.
* Involved in all test cases using the framework Junit and fixed any bugs or issues identified during the testing period.
* Used **Docker** Container for better collaboration and innovation and to address every application across the hybrid cloud and Docker.
* Involved in **CI/CD** process using GIT, Jenkins’s job creation, Maven build Create Docker image and deployment in **AWS** environment.
* **Jira** is used for Project Management and GitLab is used for issue and bug-tracking.

**Environment:** Java, Core Java, Spring boot, Spring Security, AWS, EC2, JUnit, Agile, Spring, JavaScript, React, Webservices, HTML, CSS, Oracle, Maven, Bootstrap, JMS, Jenkins, GIT, NodeJS, Log4j, RESTful.

**Client:** **Beigene, Emeryville, CA**

**Role:** **Java Full Stack Developer**

**Period**: **Jan 2019 - July2019**

**Responsibilities:**

* Worked as per **Agile** Methodology (Scrum) to meet customer expectation, timelines with quality deliverables
* Involved in different phases of Software Development Life Cycle (**SDLC**) such as analysis, specification, design, and implementation and testing
* HTML5, CSS3, **React** and **Bootstrap** were used to built and user interface webpages.
* Developed a single page, responsive web application on front end by using **AngularJS**.
* Communication between the view components and server was enabled through AngularJS Ajax module which is used to handle the RESTful calls.
* **NodeJS** is used to run Angular on server with mock **JSON** data and completed the UI development independent of server.
* Spring Dependency Injection, Annotations and Spring MVC components was used to implement the business layer and navigation part of the application.
* Developed user management screens using **Spring framework** and DAO classes using Hibernate framework for persistence management and involved in integrating the frameworks for the project.
* Large number of chunks were handled by batch jobs along with the implementation of **Spring Batch** Framework to execute the similar jobs simultaneously.
* Developed multiple microservices using **Spring Boot**, Spring Core, AOP, Actuators, Spring Data JPA for performing business functionalities.
* Utilized Spring Security for Method Level Authorization by using **AOP** (Aspect-Oriented Programming) and URL Level Authorization by using Servlet filters for web sockets.
* Produced centralized **Spring** Restful Web Services for Enterprise applications to consume in **JSON** format and in trusted client-server environment.
* Developed several **REST** webservices which produces both XML and JSON to perform tasks, leveraged by both web and mobile applications.
* Used **Micro service** architecture with Spring Boot based services interacting through a combination of REST and Apache Kafka message brokers.
* Integration of different applications components through Web services using **RESTful** using Jersey
* Building cloud Microservices and implemented back-end using **Spring Boot**. And Authored application using Spring Cloud services.
* Worked on RESTful Web Services as well as Node Rest Framework for backend and used **Mongo DB.**
* Worked with **MongoDB** to store non-relational data into collection and retrieve them whenever required.
* Creating, validating, and reviewing solutions and effort estimate of converting existing workloads from classic to ARM based **Azure** Cloud Environment.
* Created **Azure** services using ARM templates and ensured no changes in the present infrastructure while doing incremental deployment.
* **POSTMAN** tool was used to perform the API Web services testing.
* Used **JUnit** Testing Framework for performing Unit testing
* Developed test cases and performed testing using **Mockito.**
* Worked with configuring Jenkins with **Docker**.

**Environment:** Java, Azure, Spring, Spring boot, JSP, AJAX, Hibernate Framework, JMS, SOAP, XML, Spring Framework, Log4j, Java Script, HTML, Oracle9i, SQL, PL/SQL, Web Sphere, Microservices, WSAD, JSTL, Docker, JIRA, GIT Struts tags, Junit, Mockito, SQL, Struts, CSS, Jenkins.

**Client:** **Standard chartered bank, Hyderabad, India**

**Role: Sr. Java Developer**

**Period: Jan2017-nov2018**

**Responsibilities:**

* Used **Agile** (Scrum) development methodology during designs, implementation, testing, and maintenance
* Involved in Daily Scrum meetings, Sprint planning and estimation of the tasks for the user stories, participated in retrospective and presenting Demo at end of the sprint.
* User interface was developed for management module using **HTML**, CSS, and **JavaScript.**
* Worked with **Angular CLI** and Typescript in **Angular4** to create Controllers and components for the Web Pages.
* Developed the project using MVC design pattern and developed front end using Spring MVC framework, business components using **Spring**.
* Worked on Spring Web Flow using **Spring MVC** to build an application from scratch using Spring XML configurations, annotations. Wrote controllers to handle incoming requests and send output to the UI Configured
* Worked with **Microservice** architecture using Spring Boot to modularized code and implemented Rest API’s using Spring Rest and integrated Swagger API for documentation
* Java Messaging Services (**JMS)** was used for reliable and asynchronous exchange of important information such as payment status report, parsing of JMS XML messages
* Used **Webservices** **– WSDL** and **SOAP** for getting credit card information from third party vendors.
* Developed Database Procedures for updating, Inserting, and deleting table for a complete logical Unit of Work (LUW) using **PL/SQL** under Oracle Database Server.
* Involved in the design of tables in oracle to store the pay information.
* Used **JDBC** to interact with the Oracle database for storage and retrieval of information.
* Clear Case is used for source code maintenance.
* Continuous integration to build the project using Jenkins with **Maven** Builder.
* Used **Log4J** to capture the log that includes runtime exceptions
* Involved with the testing team to Unit test the software for any bug detection.

**Environment:** HTML, CSS, JavaScript, JMS, Spring MVC, Spring Boot, EJB, SOAP, WSDL, JDBC, UML, Clear case, Rational Rose, Junit, Easy Mock, Java, Oracle, SQL, Log4J

**Client: Adaequare, Hyderabad, India**

**Role: JavaJ2EE Developer**

**Period: Dec2014 – Nov2016**

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC).
* Worked on **Agile** Methodology and built the application using Test Driven Development approach
* Developed application **UI pages** using JavaScript**, Angular JS**, jQuery, CSS3 and **HTML5**.
* Developed an AngularJS workflow manager leveraging Angular-UI’s state router for configuration and management of multi-step user input flows
* Involved in writing the exception and validation classes using Strut’s validation rules.
* Performed client-side validation using **JavaScript**.
* Involved in Unit Testing, Sanity Testing, and Integration testing of all the reports.
* Implemented server-side components using **Core Java**, multi-threading, web services with Spring Framework.
* Developed back-end functionality using **Spring MVC** and Spring JPA.
* Designed and created MySQL database tables to normalize the existing tables. Created stored procedures to interact with database.
* Thoroughly involved in testing phase and implemented test cases using **JUnit**.
* Used **JIRA** ticketing system to keep track of issues and tasks on individuals.
* Worked on Continuous Delivery pipeline with Docker, Jenkins, and Code hub.

**Environment:** HTML, CSS, JavaScript, Angular JS, jQuery, JSP, Spring MVC, Spring Web Flow, MySQL, RESTful web services, Eclipse IDE, and Linux.

**Client: ValueLabs, Hyderabad, India**

**Role: Jr. Java Developer**

**Period: May2013- Nov2014**

**Responsibilities:**

* Implemented OO Design Concepts, Exception Handling, Identifying and Fixing Potential Memory, Performance, and Transactional issues throughout the application.
* PDF Renderer Tool was used to generate customer in-voice in the form of PDF format.
* Designed web pages by using **HTML, CSS, JSP, Servlets, JSTL, Ajax** and **Struts**.
* Performed client-side validation using **JavaScript.**
* Developed the front-end functionalities using Angular with the use of Components, Directory, Services.
* Used **HTTP** Client Module to send HTTP Request (GET, PUT, POST, and DELETE) to the backend.
* JavaScript is used for the web page validation.
* specifications involving **Core Java, J2EE, JSP, JSTL, Servlets, Struts, UML**, and XML.
* Modified the UI design of the Web Application according to the report parameters.
* Designed and created **MySQL** database tables to normalize the existing tables. Created stored procedures to interact with database
* **SVN** Is used for source code and project documents for version control.
* Used **JIRA** ticketing system to keep track of issues and tasks on individuals.
* **Log4j** and commons-logging were used as frameworks for logging the application flow.
* Worked on Continuous Delivery pipeline with **Docker, Jenkins,** and Code hub.

**Environment:** HTML, CSS, JavaScript, jQuery, JSP, HTTP, Spring MVC, Spring Web Flow, MySQL, RESTful web services, SVN, Eclipse IDE and Linux.