**BHAGYA**

**Sr Java Full Stack Developer**

**SUMMARY:**

* Around 10 years of hands-on experience in field of IT industry, worked in all phases of software development life cycle from requirements gathering to the production and successfully implemented several projects with responsibilities as developer involving Java, J2EE technologies.
* Strong Skills in Object Oriented Programming Concepts with OOPs methodologies.
* Good experience in writing high performance applications using Java Multi-threading, Collection frameworks, Garbage collection.
* Thorough working knowledge in application development using Java, J2EE, JSP, Java Script, Servlet, JDBC, JMS, JTS, Hibernate, Spring (including web flow) and Struts.
* Experience in building highly scalable distributed applications using Java, J2EE, Spring, Hibernate, Mongo dB and AWS
* In-depth knowledge in building Java/J2EE applications using MAVEN and ANT.
* Full life-cycle systems development requirements, definition, analysis, design, coding and implementation, workflow driven Component Based Development (EJBs) and Component modeling.
* Proficient in Object-Oriented Analysis and Design (OOAD) and integration of complex enterprise and web-based applications using IDEs like Eclipse, Edit Plus, Text Pad, RAD, Net Beans, MyEclipse, STS and Jenkins.
* Excellent in SQL, PL/SQL, Stored Procedures, Functions and Triggers with databases like SQL Server, MySQL, and expertise in using relational database tools such as Oracle.
* Strong Experience on HTML/HTML5, CSS/CSS3, JavaScript, AJAX, JSON, jQuery, XML and Angular JS, Bootstrap and Ajax under Windows operating system98/2000/XP/Vista/7/8, UNIX, Oracle Solaris and Linux
* Expertise in XML and related technologies like XSL, XQuery, XSD, XPath, XSLT, DTD and parsers like DOM and SAX.
* Proficient in OOAD Technologies developing Use Cases, Activity diagrams, Sequence Diagrams and Class diagrams using case tools like Microsoft Visio and Rational Rose.
* Extensive experience with Frameworks in Struts, ORM (Hibernate), JPA to map POJOs to a relational database, spring (Spring MVC, Spring Context, Spring DAO, Spring ORM, Spring Security) and Spring Boot. Developed various shell scripts and python scripts to automate Spark jobs and hive scripts.
* Used MVC (Model View Controller) architecture, using Spring, Struts, and various J2EE design patterns.
* Solid experience in writing service-oriented architecture (SOA), workflows and web services using XML and knowledge on SOAP, WSDL and Rest based web services.
* I have experience in software Development Processes like SDLC, Waterfall, Agile, Scrum and TDD.
* Good experience in various Design Patterns like Singleton, Factory, Session Facade, MVC, Data Access Object and Business Delegate, UML and Enterprise Application Integration.
* Involves in dealing with CI/CD tools like Jenkins, Git Stash, Ansible.
* Expertise in various version control tools such as SVN, CVS, Git and Clear Case.
* Good Experience in Windows and Linux/Unix OS
* Good understanding of Pivotal cloud foundry (PCF) Architecture (Diego Architecture), PCF components and their functionalities.
* Experienced in AWS (Amazon Web Services) which includes EC2, S3, Cloud Formation templates, Dynamo DB, SQS messaging, AWS Lambda, API Gateway, RDS environments.
* Used Docker Container to address every application across the hybrid cloud and Docker for better collaboration and innovation.
* Deployed the Zero Down Deployment using Kubernetes orchestration service application.
* Experienced in performance dealing and server scaling using tools like jProfiler, JMeter. Expert in Various Agile methodologies like SCRUM, Test Driven Development, Incremental & Iteration methodology and Pair Programming as well as implementing Waterfall model. To track the progress of Agile process used JIRA.
* Experience in developing web applications using test driven methodologies (TDD) and Junit as a testing framework. Worked using Spring Micro Services, Spring boot, Pivotal Cloud Foundry and Netflix Eureka.
* Experience in tracking defects, issues, risks using Clear Quest, Quality Centre
* Proven ability to rapidly acquire knowledge on new technologies and implement them in software projects.

**TECHNICAL SKILLS:**

**Programming Languages**: JAVA, C, C++, SQL, PL/SQL

**J2EE Technologies**: EJB, Servlet, JSP, JSTL, JDBC, JSF, JMS, Exceptions, Threads, Collections

**Development Tools:** Eclipse, My Eclipse, RAD, Spring Tool Suite (STS), Net Beans, Visual studio

**Web Technologies:** HTML, XHTML, AngularJS, JavaScript, jQuery, XML, XSD, XSLT, CSS, JSON, JSON-DTD,

AJAX, Bootstrap, React JS

**Application/Web Servers**: WebSphere, WebLogic, JBoss, Apache Tomcat, Netflix Eureka

**Cloud**: AWS (Amazon Web Services), EC2, RDS, Lambda, ELB, SNS, S3, SQS, Pivotal Cloud Foundry

**Databases**: Oracle, SQL, MySQL, DB2, Mongo DB

**Operating Systems**: Windows, Linux, UNIX

**Web Services**: Spring Micro Services, SOAP, REST, JAX-WS, JAX-RPC, JAX-RS

**Methodologies**: Agile, Waterfall, Test Driven Development

**BigData:** Hadoop, Hive, Cassandra, Kafka, Storm, Spark, MapReduce, MongoDB, Cassandra.

**Tools and Frameworks**: Struts, Spring (Dependency Injection, Spring MVC, Factory Pattern, Core, Spring Context, Spring DAO, Spring IOC, Spring JDBC, Spring ORM, Spring Security, Spring Boot, Spring Batch, Spring with Hibernate)

**ORM Frameworks**: JPA, Hibernate, Spring JPA, DAO

**Version Control**: SVN (Apache Subversion), CVS, Git, Bitbucket

**Other Tools**: ANT, Maven, Gradle, Log4j, Jenkins, Docker, JUnit, JIRA, Bamboo, Kafka, Caramel

**PROFESSIONAL EXPERIENCE:**

**Client: Mastercard, O’Fallon – MO July 2022 – Present**

**Role: Sr Full Stack Developer**

**Responsibilities:**

* Implement best practices associated with Software development and value-driven development – ensuring quality from deployment to support of a service having strong experience in Java development with a heavy focus on Spring framework.
* Build and maintain microservices, design and implement APIs, manage cross-service integration testing and create robust, fault-tolerant services.
* Understand tools and methodologies related to the design, configuration, building and testing of application functionality
* Interacting with the Business Analyst and Host to understate the requirements using the Agile methodologies and SCRUM meeting to keep track and optimize the end client needs.
* Develop Spring-boot microservices and SOA webservices for developing a Service Oriented Architecture.
* Implement Micro Service Architecture with Spring Boot based RESTful services and consume SOAP based Web Service.
* Microservices development using spring boot and deployment in Pivotal Cloud Foundry (PCF).
* Develop SQL queries and execute them by using JDBC Template provided by Spring and develop SQL queries to retrieve data using Hibernate. The Data Manipulation operations are implemented using Hibernate Template provided by Spring.
* Utilize Test Driven Development (TDD) approach and the test coverage should always be maintained and validated using SonarQube.
* Work extensively on version control tools like GIT BASH, SVN and Involve in the code review process and updating the best practices document.
* Utilize Visual studio code, Eclipse IDE, IntelliJ, and POSTMAN to develop and test the applications.
* Develop the Back-end applications using C++, JAVA, Spring Boot, Shell scripts, PUTTY, TOAD, WINSCP, Tomcat Server and JDK 1.8.
* Develop the Front-end applications using HTML and CSS.
* Access SQL Database tables and read the configurations through config files in spring boot.
* Perform requirement analysis, design, coding, testing and deployment.
* Have Good Knowledge with RALLY to track and update the tasks using RALLY.
* Build CI/CD automation, CI/CD tooling setup, automate deployment following DevOps principles and best practices.
* Create Integration test cases for services using JUnit.

**Environment:** JDK 1.8, C++, Spring Boot, SQL, Oracle, Microservices, Spring MVC, Spring REST API, Spring Security, Hibernate, Spring IOC, Spring AOP, Cloud development (PCF), Java 8, IntelliJ, Shell Scripts, Maven, HTML5, XSD, XML, CSS, API Gateway, Rally, Bitbucket, VScode, PUTTY, TOAD, WINSCP, GIT BASH.

**Client: Northern Trust, Chicago – IL Feb 2021 – Jun 2022**

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

**Responsibilities:**

* Write application business logic for different modules across the application.
* Represent the client’s objectives during daily agile scrum meetings with the development Team.
* Responsible for troubleshooting and fixing service outages.
* Responsible for identifying and fixing functional bugs.
* Responsible for managing different Oracle Databases.
* Utilize Eclipse IDE, IntelliJ and POSTMAN, Visual studio to develop and test the applications.
* Develop the Private passport Backend applications using Spring Boot, Tomcat Server and JDK 1.8
* Develop the Private passport Front end applications using HTML, CSS, React JS.
* Worked on several SPA for Private Passport such as Accounts, settings, alerts, Approval, Statements and documents to improve the efficiency and add new features depending on business requirements following the guidelines using Zeplin design.
* Developing Single Page Applications (SPA) using JavaScript, MVC framework such as React JS
* Worked on React JS Virtual Dom and React views, rendering using components which contains additional components called custom HTML tags.
* Used Miro board for team communications and meeting notes, announcements.
* Access SQL Database tables and read the configurations through config files in spring boot.
* Perform requirement analysis, design, coding, testing and deployment.
* Develop code to obtain bean references in spring framework and Use Dependency Injection along with Inversion of Control (IOC). Develop UI navigation using React JS, HTML and Spring MVC architecture.
* Design and develop various modules of the application with J2EE design architecture and frameworks like Spring MVC architecture and Spring Bean Factory using IOC, AOP concepts.
* Use Spring JDBC to connect with database and make simple queries.
* Use POSTMAN extensively to perform tests and run collections.
* Interface with multiple client teams to access business objectives and present technical issues.
* Hands on experience to write JUnit Test cases, functional testing and deploy applications using Tomcat and testing in Postman.
* Have Good Knowledge with JIRA to track and update the tasks using JIRA.
* Write Mockito & JUnit Test cases as part of Unit testing.
* Bamboo for continuous integration and deployment. We used integration with Bitbucket to commit code changes.
* Used sonar scanner for finding coverage, bugs and any code smells and resolving it quickly.
* Used Caramel to monitor deployments in different environments like UAT, Pre-Prod and Prod.
* Extensively used confluent control center for monitoring sink and error messages while producing Kafka topic.

**Environment:** JDK 1.8, Gradle, Spring Boot, docker, Microservices, Spring MVC, Spring REST API, Spring Security, Hibernate, Spring IOC, Spring AOP, Java 8, WebLogic, Scripting, NodeJS, HTML5, ReactJS, XSD, XML, CSS, API Gateway, Swagger, Bamboo, Bitbucket, Cara, Zeplin, caramel.

**Client: CapitalOne, Schaumburg- IL June 2018 – Dec 2020**

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

**Responsibilities:**

* Responsible for managing different Postgres SQL Databases.
* Utilize Eclipse IDE and DOCKER to develop and test the applications.
* Access Postgres SQL Database tables using PgAdmin and read the configurations through config files in spring boot.
* Developed Chef Cookbooks to install and configure Apache, Tomcat, Splunk, Jenkins, WebLogic, Rundeck and deployment automation and Integrated Jenkins, Rundeck and Chef.
* Worked using Spring Micro Services, Spring boot, Pivotal Cloud Foundry and Netflix Eureka.
* Used Mongo DB to save applicant data and bureau data.
* deployment of applications and troubleshooting of incidents in domain and Clustered environments of WebLogic server.
* Perform requirement analysis, design, coding, testing and deployment.
* Develop code to obtain bean references in spring framework and Use Dependency Injection along with Inversion of Control (IOC). Develop UI navigation using HTML and Spring MVC architecture.
* Design and develop various modules of the application with J2EE design architecture and frameworks like Spring MVC architecture and Spring Bean Factory using IOC, AOP concepts.
* Design and code of Action classes, Business Layers, DAO Classes and wire them using Spring Framework.
* Strong Experience and skills in API (rest, web) Development using Spring framework
* Use Spring JDBC to connect with database and make simple queries.
* Contributed to several APIs which are using Spring boot, React JS, AngularJS, Golang, Drools frameworks.
* Write the ATDD test cases in feature files for the rules using gherkin, cucumber extensively.
* Implemented REST APIs using Spring boot, spring based microservices, Pivotal Cloud Foundry and enabled discovery using Netflix eureka. Used swagger to provide documents for REST APIs.
* Used AngularJS for web application development.
* Used AWS Infrastructure and features of AWS like S3, EC2, RDS, ELB to host the portal.
* Created Quality and Production instances using AWS Console and CLI tool of AWS.
* Interface with multiple client teams to access business objectives and present technical issues.
* Hands on experience to write JUnit Test cases and deploy applications using Tomcat and testing in Postman.
* Have Good Knowledge with JIRA to track and update the tasks using JIRA.
* Write Mockito & JUnit Test cases as part of Unit testing.
* Develop the application using Spring Boot, Tomcat Server and JDK 1.8.
* Use Elastic Search, Kibana & Logging console to maintain Logs and resolve many production tickets.

**Environment:** JDK 1.8, Spring IOC, Spring AOP, WebLogic, Scripting, Spring Boot, agile, ReactJS, docker, Microservices, Android, iOS, Spring MVC, Spring REST API, Spring Security, Hibernate, NodeJS, HTML5, ReactJS, AngularJS, XSD, XML, AWS, EC2, SNS, ELB, API Gateway, AWS Lambda, JIRA, Jenkins, GIT.

**Client: Johnson Controls, Milwaukee- WI Oct 2015 – May 2018**

**Role: Sr. Java/J2EE Developer**

**Responsibilities:**

* Involved in all the phases of SDLC including Requirements Collection, Design & Analysis of the Customer Specifications from Business Analyst.
* Developed server-side application to interact with database using Spring Boot and Hibernate.
* In the backend Spring Boot is used for configuration server architecture and user Spring Boot profiler as well. Developed Spring DAO templates to all types of CRUD operations.
* Used micro service architecture with spring boot interacting combination of REST and Apache Kafka message brokers.
* Involved in installing, integrating, tuning, and troubleshooting Apache Tomcat, JBOSS, WebSphere and WebLogic application server.
* Developing Micro Services and creating API’s using Java Spring Boot framework using Maven as a build tool and hosting Micro Services on PCF.
* Involved in implementing various screens for the front end using React.js and various predefined components from NPM (Node Package Manager) and redux library
* Used Spring Boot to build several services as external microservices and configure them to communicate to each other or with other parts of system. Followed the Agile methodology to implement the application.
* Designed and developed Application based on Spring framework using MVC design patterns.
* Used Spring IOC, AOP, Spring Boot to implement middle tier.
* Responsible for writing/reviewing server-side code using Spring JDBC and DAO module of spring for executing stored procedures and SQL queries.
* Worked with Core Java for business logic.
* Developed single page responsive Web using HTML5, AngularJS, Bootstrap, CSS3, JavaScript, jQuery, D3 .JS. React .JS.
* Involved in reworking on single page applications using React, Redux, React-Router, Bootstrap.
* Strong hands-on experience with Spring IO, Spring Boot.
* Involved in developing persistent layer using Hibernate framework and Spring JPA repositories.
* Used Java Executor services to provide asynchronous implementation flow. Used Cached Thread pools to scale thread usage.
* Designed integration of various modules using Apache CAMEL EIP (Enterprise integration pattern).
* Created Content based switches and Message channels to provide routing and error handling in CAMEL.
* Developed single page applications, components using Angular JS (Angular modules, controllers, Route providers). Participated in and contributed to design reviews and code reviews.
* Published and consumed Web Services using REST and deployed it on WebSphere Application Server.
* Used Jenkins, Git Stash, Ansible like CI/CD tools to make daily builds and deploys.
* Used JSON for validation, documentation data required by a given application.
* Used AWS Infrastructure and features of AWS like S3, EC2, RDS, ELB to host the portal.
* Created Web application using NodeJS, Restful Services, and MongoDB.
* Used Git repository hosted on cloud platform. Developed the application using Eclipse STS.
* Developed JUnit test cases using Junit and Mockito for unit test of all developed modules.

**Environment:** JDK 1.8, Scala, Spark, Kafka, Spring IOC, Spring AOP, Spring MVC, Spring boot, Microservices, Spring REST API, Spring Security, Cloud development (PCF), Java 8, WebLogic, Scripting, Spring Boot, agile, ReactJS, docker, Microservices, Android, iOS, Hibernate, NodeJS, HTML5, Angular JS, AWS Lambda, Elastic Load Balancer, S3, WebSphere, Tomcat, Pivotal Cloud Foundry, Netflix Eureka, Eclipse, STS, Oracle, MAVEN, ANT, JUnit, Log4J, Jenkins, JProfiler, JMeter, Git, JIRA, Docker, Kubernetes, Mockito.

**Client: Citi Bank, Warren-NJ Feb 2015 – Sep 2015**

**Role: Java Developer**

**Responsibilities:**

* Participated in project planning sessions with business analysts and team members to analyze business IT Requirements and translated business requirements into working model.
* Organized the daily stand up and scrum meeting to get the development status.
* Work on Development bugs assigned in JIRA for Sprint following agile process
* Involved in major application core design change and app server configurations.
* Implemented MVC, DAO J2EE design patterns as a part of application development.
* Involved in enhancement of existing application utilizing AngularJS, created role-based HTML navigation menu wherein menu items change dynamically based on the values derived from the database in the form of XML.
* Developed all the tiers of the J2EE application, implemented business logic using spring in the middle tier, developed Beans and helper classes to communicate with the presentation tier which consists of JSPs and Servlets.
* Used in-built marketplace services of PCF for RabbitMQ, MySQL config. Restful APIs are created to handle real-time request/response.
* Developed Micro service architecture application using MERN stack (Mongo DB, Express JS, React JS, and Node JS).
* Worked on React.JS components, Forms, Events, Keys, Router, Animations and Redux concept.
* Worked on React JS Virtual Dom and React views, rendering using components which contains additional components called custom HTML tags.
* working administrative experience in setting up WebLogic Cluster environment, including WebLogic Domains, Admin Servers, Managed Servers and Node Manager.
* Developed user interface using JSP, HTML, CSS, JavaScript to simplify the complexities of the application
* Design and develop the persistence layer under the guidance ORM principles, using Hibernate and JPA.
* Used based scrum methodology for developing the project.
* Implemented TDD (Test driven development) and BDD as part of Agile methodology.
* Implemented JQuery features to develop dynamic queries to fetch the data from database.
* Used AngularJS for developing single page web applications.
* Used AJAX and JSON to make asynchronous calls to the project server to fetch data on the fly.
* Published and consuming RESTful web services using Jersey framework.
* Designing, creating database, writing DDL, DML statements and populating the DB2 database.
* Implemented the SPRING security LDAP for authentication.
* Used Log4j for Logging various levels of information like error, info, debug into the log files.
* Created the database scripts as per the business requirements.
* Used Spring to implement dependencies between objects (Auto-wiring by XML and Annotation)

**Environment:** JDK 1.7, JSP, Servlets, Spring, XML, Hibernate, Eclipse, CSS, jQuery, AJAX, Oracle, Jboss, PL SQL developer, CVS, Oracle Reports, Log4J, Web Services, Cloud development (PCF), Java 8, WebLogic, Scripting, Spring Boot, agile, ReactJS, docker, Microservices, Android, iOS, AngularJS, WebSphere, Spring MVC, Spring DAO, Collections, JUnit, SOAP, GIT, CICD tools, Jenkins, Jira, JAX-WS, Maven Build.

**Client: Unisys, Hyderabad – India Sep 2013 – July 2014**

**Role: Java Developer**

**Responsibilities:**

* Implementing the design patterns like Singleton, value object pattern and Data access objects in the project. Responsible for development of presentation layer using JSP and spring.
* Involved in system design and development in core java using Collections, multithreading and exception handling. Designed and developed the UI using HTML, CSS and JSP.
* Business logic was developed using Session beans and container managed persistence services via Hibernate. Involved in developing web services using SOAP (UDDI, WSDL), XML.
* Implemented MVC architecture using struts, JSP & Enterprise Java Beans.
* Involved in development of services-based architecture utilizing open-source technologies like Hibernate ORM and Spring MVC Framework.
* deploying Web Archive/Java Archive and Enterprise Archive (war, jar, ear) applications on WebLogic Application server using the tools like admin console.
* Involved in several installations of WebSphere instances from development to production and configuring the WebSphere load balancing using WebSphere workload management
* Designed Stateless Session Beans fitting the requirement of the business and implemented its interfaces.
* Implemented Data Access Objects (DAO pattern) using JDBC.
* Developed batch programs to update and modify metadata of large number of documents in FileNet Repository using CE APIs
* Extensively used JavaScript to provide the users with interactive, Speedy, functional and more usable user interfaces. Designed Asynchronous communication using Ajax.
* Worked on creating Packages, Stored Procedures & Functions in Oracle using PL/SQL and TOAD. This clearly separates the Business Logic from the Backend access to the Database and the Front-End Presentation layer.
* Worked on creating a test harness using POJOs which would come along with the installer and test the services every time the installer would be run.

**Environment:** Java, Struts, Spring, Cloud development (PCF), Java 8, WebLogic, Scripting, Spring Boot, agile, ReactJS, docker, Microservices, Android, iOS, Hibernate, Integration, JSP, Ajax, JavaScript, jQuery, JUnit, Servlets, EJB, JST, XML AJAX, HTML, CSS, SOAP, WebSphere Application Server.

**EDUCATION:**

* Masters in Electrical and Electronics Engineering from SUNY - USA
* Bachelors in Electronics and Communication Engineering from JNTUH– IN