**Bommana**

**bommana.javadev@gmail.com**

**401-287-8983**

**PROFESSIONAL SUMMARY:**

* Having **8** years of experience inall phases of Software Development Life Cycle **(SDLC)** which includes Analysis, Design, Development, Maintenance and Implementation of enterprise, web and client server applications using **JAVA/JEE/J2EE** technologies.
* Experience in software development methodologies (**SDLC)** like **Agile**, **Waterfall, Test Driven Development (TDD), Test First** and **Scrum**.
* Utilized **Java 1.8** features like **Lambda expressions** and Stream API for Bulk data operations on Collections which would increase the performance of the Application.
* Developed **Service Oriented Architecture (SOA)** and **Micro Service** Architecture based J2EEapplications.
* Expert level skills on **HTML5**, **CSS3**, **JavaScript**, **JQuery**, **AJAX, AngularJS, Bootstrap**, **Adobe Flex**, **JSON**, with webpage cross browser compatibility and **Responsive Web Design.**
* Excellent in deploying the applications in **AWS as EC2** instances and created snapshots for the data that had to be stored in **AWS S3**.
* Experienced Building Enterprise Integration solutions and message driven applications utilizing JMS, **Mule ESB**, Message driven beans and **Apache Kafka**.
* Hands on experience in developing and solid understanding of **Microservices Architecture**, **Service Oriented Architecture (SOA)** and **Test-Driven Development.**
* Experience in developing application components using frameworks like **Spring, Hibernate, and Struts.**
* Proficient in implementation of frameworks like **Spring, Spring IOC, Spring MVC, Spring AOP, Spring Security, Spring Boot, Spring Web Flow, Spring Data, AJAX frameworks** and ORM frameworks like **Hibernate**.
* Expertise in **XML** technologies such as **XSL**, **XSLT**, **XML schemas**, **XPath, XForms, XSL-FO** and parsers like **SAX, DOM.**
* Expertise in the implementation of Core concepts of **Java, J2EE Technologies**, **JSP**, Servlets, **JSTL**, **EJB** transaction implementation (CMP, BMP, Message-Driven Beans), **JMS**, Struts, Spring, Swing, Hibernate, Java Beans, **JDBC**, **XML**, Web Services, **JNDI**, **Multi-Threading** etc.
* Expertise in developing **SOA** (Service Oriented Architecture) and**J2EE Web Services** based on **SOAP, WSDL, UDDI, JAX-WS, JAXB, JAX-RPC** using tools like **Apache Axis.**
* Experience in deploying, configuring and administering application servers such as **Web sphere**, **Web logic, Apache Tomcat 8 and JBOSS 7.1.0.**
* Proven experience in writing Queries, **Stored Procedures**, Triggers, Cursors, Functions and Packages using **TOAD**.
* Experience in developing serer side code with good knowledge of enterprise and persistence design patterns like **Singleton, Factory, Prototype, Business Delegate, Session Facade, and Service locator, DAO, ORM, MVC, IOC and AOP.**
* Portable deployment of applications as a single object using **Docker**.
* Actively involved in the **DevOps** streamlining process through **Jenkins CI** and **CD Release Automation**.
* Experienced in implementation of **JMS** to exchange information over reliable channel in an asynchronous way by using **Active MQ, Rabbit MQ, Kafka** as message queue.
* Extensive development experience in different IDE's like**Eclipse**, **Spring Tool Suite (STS), RAD** and **Intellij.**
* Experience in software configuration management using **CVS**, **SVN, Git** and **IBM Clear Case**.
* Hands on experience with build tools like **ANT**, **Maven** and logging tools like **Log4J.**
* Hands on experience in working with **JUnit, Mockito, Selenium, Groovy Spock and TestNG**.
* Expertise in testing with **JUnit** using tools like **JMeter.**
* Have extensive experience working on **Windows, Linux and UNIX** Operating Systems.
* Good understanding of Business workflow, Business logic and Business methods for further implementation of user requirement in a distributed application environment.

**Technical Skills**:

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| **Languages** | C, C++, Java, J2EE, SQL, PL/SQL. |
| **Enterprise Java** | JSP, Servlets, JNDI, JDBC, Log4J API, Java security |
| **Mark-up/XML Technologies** | HTML5, CSS3, JavaScript, JQuery, AJAX, AngularJS, XML, XSD, XSL/XSLT, SAX/DOM, JSON, NodeJS. |
| **Tools & Framework** | Struts, Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, JUnit, Jasper reports, SOAP UI, Groovy. |
| **Web services** | SOAP, RESTful, UDDI, WSDL, JAX-RPC, JAX-RS JAX-WS, JAX-B, Axis2, CFX. |
| **Web/App Servers** | Web Sphere 7.1, Apache, Tomcat, JBoss EAP, Web Logic Server. |
| **Database** | Oracle, MS SQL-Server, MySQL, MongoDB, Cassandra. |
| **IDEs** | Eclipse, Net Beans, IBM Web Sphere Rational Architect 7. |
| **Modelling/ CASE Tools** | Rational Rose, MS Visio Professional. |
| **Testing Tools/ Others** | JUnit, Soap UI, Putty, Rational Clear Quest, RTC, StarTeam, Kafka. |
| **Version Control** | Tortoise SVN, CVS, Rational Clear case, Git. |
| **OS & Environment** | Windows, Win, Sun Solaris, UNIX, Linux. |
| **Design Patterns** | MVC, Front Controller, Singleton, Business Delegate and DAO patterns. |

**PROFESSIONAL EXPERIENCE**

**Client: Citi Bank Jun 2017 - Present**

**Location: Tampa, FL**

**Role: Full Stack Developer**

**Description:** Citibank is the consumer division of financial services multinational Citigroup.CityBank is moreover a fundamental home advance moneylender and a national pioneer in the markdown contract business. CityBank offers a wide range of products and services for individual and businesses. From consumer loans and credit cards, to cash management and merchant services, bring full resources of a commercial bank to end customers. It covers the entire business market from small to large customers, and branches offer not only highly competitive deposit accounts, but also insurance and investment services.

**Responsibilities:**

* + - * Involved in various phases of Software Development Life Cycle (**SDLC**) of the application like Requirement gathering, Design, Analysis and Code development and understanding of business requirements and implement the process using **Agile (Scrum)** methodology.
      * Implemented the front end using **HTML 5, CSS3, Bootstrap, JQuery and Angular JS.**
      * Worked on server-side **validations, handle actions, events** and also **Encapsulation** by implementing **React JS.**
      * Consumed **RESTful Services** with **Angular JS http Services.**
      * Developed **RESTful Web Services** with **JAX-RS** using **Spring Boot** and **Micro Services Architecture.**
      * Experienced on **spring framework** applications like **Spring Core, Spring AOP, Spring MVC, Spring Batch, Spring Security** and **Spring Boot** and did integration to **Micro services** into existing system architecture.
      * Creating **REST** based Web Services by establishing links using **Hateoas** from spring-based Applications.
      * Used **Spring Batch** for Batch processing with which notifications are sent in timely manner.
      * Worked on integrated **Hystrix** dashboard in order to monitor **spring micro**-**services** using **Circuit Breaker**.
      * Implemented the **authentication** and **authorization** of the application using **Spring Security** and **Oauth 2.0.**
      * Used **JAVA 1.8** featureslike **Lambda Expressions, Parallel Streams** and **functional interfaces.**
      * Worked with **Spring Ribbon and Kafka**broker service with **Zookeeper** to handle heavy traffic.
      * Involved in developing API’s and RESTAPI proxy using **APIGEE** edge and for sending mobile notifications.
      * Designed and implemented intranet applications using **RubyonRails** and **PostgreSQL** on **Heroku** Cloud managed code versioning with **GitHub** and deployment to staging and production servers.
      * Worked with **AWScloud** service in creating **EC2** instances and providing them roles and sometimes participated in writing custom policies and deployed applications on **Elastic Bean Stalk** and **EC2.**
      * Performed **Query** operations on **AWS Dynamo DB** using **Lambda Expression** and captured the modification data on Dynamo DB.
      * Involved in **AWSSQS** to interact with queue and giving roles to it and involved in writing **Custom policies**.
      * Created instances on **AWSEC2** and configure using **CMSAnsible** and Automation installation using **CMS.**
      * Participated in troubleshooting issues on **AWS**, **Micro services Orchestration layer (Spring Cloud Netflix Eureka, Hystrix Circuit Breaker, Apigee**).
      * Code coverage using **SonarQube**.
      * Worked system logging using **Elastic search**, **KibanaLogstash** tocreate dashboards in **Splunk** and **Kibana**.
      * Implemented build stage-to build the Micro Service and push the **Docker Container** image to the private Docker registry.
      * Worked on **Mongo DB** database concepts such as locking, transactions, indexes, Sharing, replication and schema design etc.
      * Performed different types of testing on various test scripts on **Selenium WebDriver** and **TestNG**.
      * Used **Active MQ** to communicate with controller and used service layer to implement the business logic.
      * Used **Mockito** for testing the application and **Log4j** for logging all the debugging and error information.
      * Used **Maven** as build automation tooland responsible for **Continuous Integration (CI) and Continuous Delivery (CD)** process implementation using **Jenkins**.
      * Used **GitHub** as Version Control tool, **JIRA** for issue tracking and **IntelliJ** as **IDE.**
      * Deployed and tested the application on **Web SphereApplication Server.**

**Environment**: Java/JDK 1.8,J2EE, Log4j, Web Services, Hystrix, Hystrix Dashboard, Spring Kafka, AWS, Netflix Eureka, Netflix Ribbon, Hibernate 4.3, Sonar, REST 1.3.0.0, JSON, RESTful, Windows SFTP/SCP client (Winscp382), Eclipse, MAVEN build tool, JUnit, Ruby On Rails, Kibana, Splunk, Golang, Apigee, Hateoas, Ansible, Drools, Hysteric, Jenkins Continuous integration tool, WebLogic Application Server 10.1, Oracle 11g, 12C , Linux OS, Agile Methodology, Curl, GIT, PL/SQL, Docker, Hateoas, Curl.

**Client: BCBS Aug 2015 – May 2017**

**Location: Plano, TX**

**Role: Full Stack Developer**

**Description: BCBS** – a health insurance company that improves the customer’s well-being, productivity and health by providing them with benefits, service and expertise. In this project we develop a real-time, fully automated claims processing system for online mediation of disability, medical, vision and dental claims. The timely and efficient management of all the data related to clinical, administrative and finances throughout the organization is done by the application which in turn enables the information sharing between subsystems.

**Responsibilities:**

* Responsible for discussing and understanding the requirements received from the client and preparing design document with approach details for the implementation of the enhancement.
* Followed **Agile** Methodology to emphasize on real time communication over written documentation.
* Interacted with Business Analysts to come up with better implementation designs for the application.
* **Integrated Spring (Dependency Injection) among different layers of an application.**
* Developed **Web services** to allow communication between applications through **RESTFUL Web service.**
* **Used** SpringMVC **framework controllers for Controllers part of the MVC.**
* **Created rich client using Ajax to pull the data from database.**
* Developed **User- Interface screens** involving **Servlets, JSP, and JavaScript, AngularJS and XML DOM** parser.
* Implemented various Java design patterns like **Front Controller, Service Locator, Business Delegate, and Data Access Object, Factory Patternetc**.
* Used J Profiler and Java Performance Analysis Tool for performance tuning and optimization.
* Implemented **Hibernate** for data persistence in Workflow screens.
* Developed web logs functionality to track the number of hits for the WebPages using **Angular JS**, Schedulers and **Spring Batch**.
* Implemented **JDBC** for Non-workflow screens, Alerts and batches.
* Involved in development of Agent Verification System using **Spring MVC** framework.
* Used **Spring AOP** for **logging**, **auditing** and **transaction management** to distinguish **business logic** from the cross-cutting concerns.
* Used **Spring Security** for **Authentication and Authorization** of the application.
* Created **data model** and generated **Hibernate mappings** and **domain objects** using **Hibernate** tools.
* Implemented **Java Persistence API (JPA)** through Hibernate.
* Worked with **WebLogic, Tomcat** as the application servers and **JMS** as the message Server.
* Performed **Clear Quest** defects, Database change requests logging using **Clear Quest**.
* Used **Maven Cruise-Control** for project builds.
* Used SQL **Developer, TOAD, XML SPY, and Ultra-Edit** as tools in building the application.
* Provided additional server side and client-side validations.
* Wrote Shell scripts for automatic database start-up/shutdown.
* Implemented various **complex SQL queries.**
* Used **JIRA** for the issues reported by the testing team.
* Developed various **JUnit,** test cases for **Unit and Functional Testing** respectively.
* Worked with Testers in **resolving various defects** in the application and was an integral part of the team.
* Developed producer and consumer **RESTful** web services component.
* Used LDAP Authentication for single sign and authentication, logging and **Validating** User Credentials.
* **Client-side validations** using JavaScript.
* Did unit testing and integration testing for the stop and transfer modules.

**Environment**: Java 1.8, Spring4.2.2, Hibernate 4.2.21, JNDI, JSP, Servlets, JMS, AJAX, HTML, XML, Apache Tomcat application server, WebLogic Application Server, Angular JS, JBoss, REST Webservices, Apache Axis, Unix Shell Scripting, Log4J, JUnit, Maven, UML, Intellij, DB2, J Profiler, Java Performance Analysis Tool, Eclipse Memory Analyzer,Websphere.

**Client: GE Healthcare Nov2013 – July 2015**

**Location: Milwaukee, WI**

**Role: Sr. Java Developer**

**Description:** GE Healthcare provides transformational medical technologies and services expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, drug discovery, biopharmaceutical manufacturing technologies, performance improvement and performance solutionsservices help customers to deliver better care to more.

**Responsibilities:**

* Involved in all the phases of **SDLC** including Requirements Collection, Design & Analysis of the Customer Specifications, Development and Customization of the Application using **SOA.**
* Developed front-end content using **HTML, CSS, Bootstrap, JavaScript, JQuery** and **Angular JS.**
* Designed and developed client-side application ina clean **MVC architecture** andresponsive web pages using **Bootstrap.**
* System builds using **Spring Model View Controller (MVC)** architecture.
* Implemented **Dependency Injection (IOC)** feature of spring framework to inject beans into User Interface and **SpringAOP** for reusability logging purpose.
* Used **Hibernate ORM** solution technique of mapping data representation from MVC model to Oracle Relational data model with an SQL-based schema.
* Implemented and developed **Restful** web services with **JAX-RS** using **Jersey** as provider and implemented **security** using **OAUTH.**
* Developed and Consumed **SOAP** based **Web Services** with **JAX-WS** specification.
* Implemented and developed **DAO** layer using Spring Integration and Hibernate to persist the data to the database.
* Written complex **SQL queries, HQL, created business tables** and **PL/SQL** procedures to store and retrieve data from the database.
* Implemented **Service Oriented Architecture** using **JMS** for sending and receiving messages while creating web services.
* Used **Rabbit MQ** as **Java Messaging Service** for producing and consuming data between applications.
* Developed **JUnit test cases** for elements, web beans, handlers and view helper classes.
* Focused on **Test Driven Development**; thereby creating detailed **JUnit** tests for every single piece of functionality before actually writing the functionality.
* Used **TortoiseSVN** to maintain the version of files and took the responsibility to do the code merges from branch to trunk and creating new branch when new feature implementation starts.
* Configured development environment using **Web Sphere Application** server for developer’s integration testing.
* Used **Maven** as build automation tool and**Jenkins** to perform continuous Integration**.**
* Used **GIT** for version control tool and **Eclipse** for IDE.

**Environment**: Java, J2EE, HTML, CSS, JavaScript, JQuery, Spring Core, Spring Security, Spring MVC, Spring IOC, REST, SOAP, JAX-RS, JAX-WS, Web Services, Jersey, JMS, Rabbit MQ, Service Oriented Architecture, Test Driven Development, Tortoise SVN, Maven, Web Sphere Application Server, Jenkins, GIT, Agile Methodology and Eclipse.

**Client: John Deere Financial Sep 2012 – July 2013**

**Location: Des Moines, IA**

**Role: Sr. Java Developer**

**Description:** Customer Self Service application is used by all John Deere Financial customers where they can pay the loan payment and view the loan details. It will process direct payments for Installment, Lease and Revolving account customers. CSS has more than 450000 accounts. This Multi-languagebased application and handle English and French languages.

**Responsibilities:**

* Involved in **SDLC requirements gathering, analysis, design, development and testing** of application developed using **Agile** methodology.
* Created user-friendly GUI interface and Web pages using **HTML, Angular JS, JQuery, Ajax and Java script**.
* Defined new validations through **AngularJS** for the form field validation implemented through **HTML5**.
* **JVM** tuning experience by changing to heap sizes according to the requirement.
* Used **Spring MVC** and **Dependency Injection** for handling presentation and business logic.
* To maintain loose coupling between layers published the business layer as services and injected the necessary dependent components using **Spring IOC** and published cross cutting concerns like Logging, User Interface exceptions, Transactions using **Spring AOP.**
* Integrated **Spring DAO** for data access using **Hibernate**.
* Used **Spring Security** for **Authentication** and **Authorization** of the application.
* Implemented persistence framework using **Hibernate**& handled **Transaction Management** using the provided data source.
* Extensively used **JSON** to parse the data from server side to satisfy the business requirement.
* Responsible for designing **Hibernate mapping files** based on business logic and Object relationships.
* Integrated **Spring and Hibernate** together and worked on developing backend components and services using Hibernate and spring.
* Extensively used **HQL** and **SQL** for querying databases.
* Developed **Message Driven Bean** for asynchronous sending Messages using **JMS**.
* Used **Apache Axis** Service Engine for creating and deploying Web Service clients using **SOAP**, **WSDL**.
* Used Web Services for creating rate summary and used **WSDL** and **SOAP** messages for getting useful plans from different module.
* Used **Spring JMS** module for lookup for the queues and MDBs for the listeners.
* Established Database Connectivity using **JDBC, Hibernate O/R mapping with Spring ORM** for **Oracle**.
* Packaged and deployed the application in **JBoss.**
* Developed Stored Procedures, Triggers and Functions**.** Actively involved in tuning SQL queries, Stored Procedures, Triggers in **Informix and JBoss fuse technologies**.
* Written **LINUX** shell scripts to identify user login information.
* Used **Log4J** for application logging and notification tracing mechanisms.
* Used **Maven** tools for building and deploying the Web applications.
* Analysis and Bug fixing of the production problems and defects along with enhancements
* Implemented **JUNIT** test cases for unit testing and Suites for end to end testing.
* Used **JIRA** for tracking the **Project Stories** in Agile Methodology.
* Used **Tortoise SVN** to maintain the version of the files and took the responsibility to do the code merges from branch to trunk and creating new branch when new feature implementation starts.

**Environment:** HTML, CSS, JavaScript, Bootstrap, AngularJS, JSON, XML, AJAX, JQuery, Struts, Hibernate, Spring MVC, SOAP, WSDL, HQL, SQL, JBoss, Oracle, JMS, JNDI, Maven, RMI, Intellij, UML, JIRA, JUNIT, Tortoise SVN, LINUX.

**Client: 3i Infotech Nov 2010 – Sep 2012**

**Location: Hyderabad, India**

**Role: Java Developer**

**Description:** Incorporated new functionalities to modify existing banking application that supported Customer relationship, Loan Account profile, Transaction and Account Management and Funds Transfer functions. Customer can perform operations on all their account types. The customer can pay bills for respective account by selecting each account and transfer funds from one account to another account. 

**Responsibilities:**

* Involved in client requirement gathering, analysis & application design.
* Involved in the implementation of design using vital phases of the Software development life cycle **(SDLC**) that includes **Development, Testing, Implementation** and **Maintenance** Support in **WATER FALL** methodology.
* Developed the UI layer with JSP, HTML, CSS, Ajax and JavaScript.
* Used **JavaScript** to perform client-side validations.
* Ajax was used to make **Asynchronous calls** to server side and get **JSON** or **XML** data.
* Developed server-side presentation layer using **Struts MVC** Framework.
* Developed **Action classes, Action Forms** and Struts Configuration file to handle required **UI** actions and **JSPs** for Views.
* Developed batch job using **EJB** scheduling and leveraged container managed transactions for highly transactions.
* Used various **Core Java** concepts such as **Multi-Threading, Exception Handling, Collection APIs,Garbage collections** for dynamic memory allocation to implement various features and enhancements.
* Implemented and developed **REST** and **SOAP** based Web Services to provide **JSON** and **Xml** data.
* Involved in implementation of web services (top-down and bottom-up).
* Used **JPA** and **JDBC** in the persistence layer to persist the data to the **DB2** database.
* Created and written **SQL queries**, **tables, triggers, views** and **PL/SQL** procedures to persist and retrieve the data from the database.
* Performance Tuning and Optimization with Java Performance Analysis Tool.
* Implement **JUnit** test cases for **Struts/Spring** components.
* **JUnit** is used to perform the Unit Test Cases.
* Used **Eclipse** as **IDE** and worked on installing and configuring **JBOSS.**
* Made use of **CVS** forcheckout and check in operations.
* Worked with production support team in debugging and fixing various production issues.

**Environment:** Java, JSP, HTML, CSS, AJAX, JavaScript, JSON, XML, Struts, Struts MVC, JDBC, JPA, Web Services, SOAP, Restful, Web Services, SQL, JBOSS, DB2, ANT, Eclipse IDE, JIRA, CVS and UNIX.

**Client: Soft sol Jun 2009 – Nov2010**

**Location: Hyderabad, India**

**Role: Jr. Java Developer**

**Description:** Enhanced Mortgage Calculator is an online system that calculates the monthly payments based on Current interest rate, loan amount, down payment, additional principal and the number of months to pay this Mortgage and it can help users to decide which monthly budget plan is better for them.

**Responsibilities:**

* Extensively use of Core Java features including collection, exception handling, generics and annotation in the logic tier to implement the mortgage calculator algorithms such as monthly payment for fix rate and **ARM**.
* Used **IBM RAD7** as IDE tool to develop the application and **JIRA** for bug and issue tracking.
* Designed the back-end server, build web service to provide result and generate report and also the front-end user interface.
* Developed Presentation and validation layers using **JSP, HTML and CSS**Custom Tag Libraries.
* Retrieved data from the web service for calculation using **AJAX call**.
* Involved in designing the user interfaces using **Struts Tiles Framework**.
* Developed JUnit test cases for **DAO** and Service Layer methods.
* Extensively used **JQuery** validation package to make client-side user input validation.
* Extensively used Cache to avoid the repeated logic calculation and access database.
* Used **JSP, JavaScript and JDBC** to create **web Servlets**.
* Created tables in database based on the Entity-relationship model that is provided by the database architect.
* Used **SVN** for version control.

**Environment:** Java, J2EE, JDBC, JSP, Oracle, JavaScript, HTML, CSS3, Struts, jQuery, JUnit 4, AJAX, SVN, JIRA