**Sudheer Bhogadi**

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**SUMMARY:**

* Java/J2EE Microservices Developer with 7 years of experience in Application Analysis, Design, Development, Integration, deployment, testing, debugging, documentation and Maintenance/Support for Web, Standalone, and Client-Server based Software Applications using Object Oriented
* Followed **Waterfall, Agile** methodologies like **Test Driven Development (TDD), SCRUM.**
* Experience in Microservices Architecture with Spring Boot and Docker.
* Experience in developing modern, complex, responsive and scalable web applications with**Angular**
* Expertise in design and development of web applications using **JSP, JavaScript, HTML5, CSS3, JQUERY, AJAX, JSON, DOJO, XSL, XSLT, Node.JS, Angular.JS, bootstrap and** single page applications (**SPA**) by using **JavaScriptMVC framework, Angular JS.**
* Experience in designing and development of E-Commerce applications using **Hybris** framework.
* Used **Node Package Manager (NPM)** to manage or install the **Node-JS** modules like **Webpack**, **Grunt, Express, underscore.js, require.js, crypto.jsand mongoose.**
* Proposed and implemented new automation mechanism in Gradle to create automated builds
* Proficient in Responsive Design Layout applications using **Bootstrap** supporting multitude of browsers and devices.
* Implemented OAUTH2.0 authentication protocol and provided OAuth2.0 token implementation guidelines for enterprise web API security model.
* Expertise in creating User Controls, Web Forms and client side validations using **JavaScript, jQuery** Validate and **Angular-JS.**
* Experience in building **MEAN** applications using **MongoDB, Express.JS,Angular-JS, Node-JS,** creating **RESTful Web** services with **Node-JS, Express-JS** and installing client side dependencies using Bower.
* Knowledge of developing single page web applications by using **Angular** with **typescript/ ES** and **jQuery** and working knowledge on HTTP access control **CORS** to enable cross-origin resource sharing in the project.
* Experienced in **testing Angular, Angular 2** applications using **Jasmine, Karma.**
* Expertise in using **J2EE** technologies like **JSP, Servlets, EJB, JDBC, Java Beans, JMS, XML** and **Web services (RESTful and SOAP).**
* Strong knowledge on **Hibernate** and in using **Hibernate** Connection **Pooling**, **HQL**, Collections, Hibernate Caching, Hibernate Transactions.
* Extensive experience using **spring** framework and **ORM** mapping tools like **Hibernate**, which implements **Java Persistence API (JPA).**
* Good experience in **Object Oriented Analysis & Design (OOAD)** using different design methodologies/ process frameworks like **SDLC** and tools like **UML, Rational Rose.**
* Experience in using frameworks and tools like **Struts, Hibernate, spring, JUNIT, LOG 4J** and **JSF** framework. Developed applications using **Spring boot** and with various modules in **Spring framework** like **core, data, web, AOP.**
* Extensive Experience in using various design patterns such as **MVC (Model –View-Controller), Singleton, Session Façade, Factory, DAO, Front Controller, and Business Delegate** in the development of Multi-Tier distributed Enterprise Applications.
* Experience on testing web services like**POSTMAN**, **SOAP UI.**
* Experience in developing **PL/SQL**, **Stored Procedures, functions, triggers** using **Oracle** and comfortable working with databases like **SQL Server, DB2, No-SQL and MySQL**.
* Experience with New library development with micro services architecture using Rest APIs, spring boot and spring cloud.
* Experienced in **RDBMS Design, DB normalization**, **ER modelling**, **SQL, PL/SQL**, **procedures, cursors, functions, triggers,** and goodUnderstanding in creating **SQL and HQL Queries in Oracle**, **MySQL.**
* Hands on Experience with version control tools like **CSV, SVN and GIT**.
* Extensive experience in **Amazon Web Services (Amazon EC2, Amazon S3, Amazon Simple DB, Amazon RDS, Amazon Elastic Load Balancing, Amazon SQS, AWS** Identity and access management, **AWS Cloud Watch, Amazon EBS and Amazon Cloud Front)**
* Experience in developing both **SOAP** and **REST** based **web services** using **Jersey**, **Spring** and **CXF**.Extensive experience in **JSON, JAXB, JAXP** and hands on experience creating Web Services based on **REST** framework.
* Experiences with build tools include **Maven**, **ANT** and **Jenkins**. **IDE** tools like**Visual studio, Eclipse, Spring STS**.
* Expertise in deploying Enterprise **Java Beans and J2EE Applications** (WAR, JAR and EAR) on **WebLogic**,**JBOSS** and **Tomcat application servers**.
* Experience with NoSQL databases including Cassandra, Mongodb
* Experiencing in using Continuous delivery / Continuous Integration **(CD/CI)** tools **Jenkins** to deploy applicationand used **GIT** for Version Control of code for incremental development.
* Used **Log4J** for extensible logging, debugging and error tracing also Worked on **Junit**, **Mockito**for unit /integration testing of application components also involved in developing **Test plans, Test Cases (Manual/Automated), Test Procedures.**

**EDUCATION/CERTIFICATION:**

* Bachelor of Technology in Computer Science and Engineering
* Oracle Certified Associate (OCA).

**TECHNICAL SKILLS:**

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| Languages | Java (1.7)/(1.8), SQL, PL/SQL, UML2.0 |
| Technologies | JSP2.1/2.0/1.2, Servlets 2.x/3.x, JavaBeans, JDBC, Struts2.x, Hibernate3.x/4.x, Spring3.0/4.0, Web Services, SOA, JMS2.0, and DOM Parsers, AJAX. |
| Web Technologies | HTML5, CSS3, LESS, SASS, Bootstrap-3, Object Oriented JavaScript Programming, JavaScript ES6, PHP, JSON, SEO, Typescript, ES-5, jQuery, Angular.js, React.js, Node.js, Backbone.js, Express.js. |
| Development Tools (IDEs) | Eclipse, NetBeans, MS Visual Studio, STS. |
| Web/Application Servers | Tomcat7.x, WebLogic10.3/9.2/8.1/7.0, IBM WebSphere7.x/8. X, JBOSS |
| Database | Oracle 11g, SQL server 2008, MySQL, MongoDB, Cassandra. |
| Platforms | Windows, UNIX, LINUX, MAC. |
| Testing Tools | JUnit 4.x, TestNG,SoapUI,Karma, Jasmine, Mocha. |
| Version Control | GIT ,CVS, SVN, Rational ClearCase. |
| Methodologies | Agile Methodology, Waterfall model, Angular1/2/4. |
| Build Tools& Cloud tech | Maven,Gradle, Jenkins, Gulp, Grunt, Docker, AWS. |
| ProjectManagementtool | Jira and Rally. |

**PROFESSIONAL EXPERIENCE**

**Client: CITI Financials, Dallas, TX October 2016 – Till Date**

**Role: Sr. Java Developer**

**Responsibilities:**

* Followed Agile Scrum methodology that included iterative application development, weekly Sprints and stand up meetings.
* Highly involved in requirements gathering and designing the Domain Model and Business Model for the application.
* Designed and developed asynchronous **RESTful Microservices** using Spring boot, Couchbase and RXJava that are consumed by other microservices with an average response time of 30 milliseconds.
* Implemented **MicroServicesarchitecture** using Spring Boot for making application smaller and independent.
* Extracted reusable modules from a monolithic application into libraries for use in new micro services.
* Designed and developed the **REST** based **Microservices** using the **SpringBoot**.
* Designed dynamic and browser compatible pages using **HTML5**, **Bootstrap**, **CSS3**, **Jquery,** and **SPA** (single page application) using **Angular 4, Typescript, Angular-CLI, NG-REDUX, Bootstrap and Web pack**
* Created re-usable components using **Angular 4** custom **directives**, **pipes** and took part in performing unit testing, integration testing using **Jasmine, Karma, Angular mocks** and end to end testing using **Protractor**
* Developed core Service as maven jar that can be included by other Microservices as their maven dependency.
* Actively Participated in design discussions for the Rest Api.
* Developed business components using **Spring boot, MVC,** Spring annotations**.**
* **Apache Tomcat** as our Application server.
* Implemented Microservices architecture with Netflix Eureka, Ribbon using Spring Boot for making different application smaller and independent.
* Implemented Web API to use OAuth2.0 with JWT (JSON Web Tokens) to secure the Web API Service Layer.
* Deployed Linux and Windows servers on **AWSEC2** using **Chef**.
* Implemented a Continuous Delivery pipeline with **Docker**, **Jenkins**, **GitHub**, and AWS.
* Worked on **AWS** **EC2** Instances creation, setting up **AWSVPC**, launching **AWS** **EC2** instances on different types of private and public subnets based on the requirement of the applications
* Launching **Amazon** **EC2** Cloud Instances using Amazon Web Services (**Linux**/ **Ubuntu**) and Configuring launched instances with respect to specific applications
* Dockerised the application and wrote **docker** image file.
* Written code in java, **groovy** and rat pack for cirrus micro services in order to have flexible call back, polling mechanisms between external micro services.
* Written **groovy** Unit test cases and covered test coverage.
* Involved in developing backend components on Reporting Dashboard with **groovy** and java
* Deployed **Gradle** for build automation and used **Groovy** for declaring project configuration
* Implemented **AWSElastic Load Balancing** (ELB), which performed a balance across instances in multiple Availability Zones to achieve high availability.
* Used Message-driven batch application using Spring Batch to handle multiple requests accessed through Message Queue services between several micro services in the application.
* Designed, built, and deployed a multitude application utilizing the **Amazon Web Services** stack (**Including EC2 & S3 $ SQS**) focusing on high-availability, fault tolerance, and auto-scaling.
* Execution of selenium scripts and reporting defects.
* Implemented Maven builds for creating **JARS**, **WARS**. Managed the artifacts generated by Maven in the **Nexus repository**.
* Used **Jenkins** for **Continuous Integration /Continuous Deployment** pipeline.
* Used **Log4j** extensively for logging the client activity and other processes in the system.
* Deployed the applications and web services on **IBM** **WebSphere** application server.
* Used **JUnit**&**Mockito** to do unit testing for the modules developed.
* Used **Rest**-**Assured** in order to the automation testing.
* Involved in development of the server side logic using resource manager and Dao classes.

**Environment:** Java1.8, Spring,Spring Boot, Groovy,REST,Angular 2/4, Spring Cloud Config, Netflix OSS components(Eureka, Zuul, Hystrix), Rabbit MQ, Redis DB Cache, MS SQL,SSIS, SSRS, Apache Camel, TOAD, WebLogic, Apache Tomcat,Restful Web Services using Micro services architecture,AWS, Mongo DB, Node JS, Angular2,Nexus, Jenkins,Web Sphere, chef, puppet, docker,swarm,JMS, Maven,XML, JIRA, Ajax, XSD, java Script, JQuery, Swagger2.0, Ec2, Spring Cloud.

**Client: Securian Financials, St.Paul Apr 2015 - September 2016**

**Role: Java Developer**

**Responsibilities:**

* Actively participated in all **Agile** meetings like Daily Standup, Iteration Planning, Pre-Estimation, Code Review and Show/Tell Meeting.
* Developed **HTML, JSPs,JavaScript,CSS** as a front end GUI with middle tier framework as Hibernate using **HQL** and **Spring** using **MVC** framework.
* Involved in Designing SOA implementations by Using Web Services-WSDL, UDDI and **SOAP** for getting credit card information from third party vendors.
* As a part of build process, modifying the **Maven** files, compiling the code building, packaging the WAR file and deploying them.
* Implemented Transaction and Logging using Spring **AOP**, developed **HibernateHQL** queries and Hibernate DAO implementation for database connectivity.
* Implemented spring for cross cutting concerns and **IOC** pattern and also configured Hibernate for the application.
* Involved in Enhancement of existing application utilizing **Angular2**, created HTML navigation menu that is role based wherein menu items changes dynamically based on the values derived from the database in the form of JSON.
* Launching Amazon **EC2** Cloud Instances using Amazon Web Services (**Linux**/ **Ubuntu**) and Configuring launched instances with respect to specific applications
* Used Apache **Camel** for Routing between destinations.
* Developed server side utilities using Java Beans, XML and Apache **Camel**.
* Created scripts (**gradle, Jenkinsfile, shell**) to deploy applications to different environments via **Jenkins** pipeline.
* Implemented Maven builds for creating **JAR'S, WAR'S and EAR'S**. Managed the artifacts generated by **Maven** in the **Nexusrepository**.
* Performed form validations using reactive forms from Angular2.0 framework.
* Implemented **Angular2** services to connect the web application to the back-end API.
* Used Hibernate in data access layer to access and update information in the database and used Hibernate Query Language (**HQL**) to query the database for complex data.
* Created **Continuos Intégration and Continuos Déploiemen**t model for building and deployingusing**Jenkins** job.
* Developed complex Stored Procedures and views to generate various Drill-through reports, ad-hoc SQL scripts, parameterized reports and linked reports using **SSRS.**
* Developed reports specifications, created and modified reports using drill down, drill through, and sub-reports in **SSRS**.
* **Git** as version control system to save the code and keep track of the changes occurred and maven as build tool for getting dependencies.
* Worked with **Sonar Lint** in Eclipse IDE to fix the code bugs to improve the quality of the code written.
* Used **Log4J** extensively for logging the client activity and other processes in the System.
* Developed dynamic **webpages** using JavaScript and Implemented **JQuery** for creating behaviors of JavaScript.
* Developed **SSIS** packages using for each loop in Control Flow to process all excel files within folder.
* File System Task to move file into Archive after processing and Execute SQL task to insert transaction log data into the SQL table.
* Deployed **SSIS** Package into Production and used Package configuration to export various package properties to make package environment independent.
* Designed new reports and wrote technical documentation, gathered requirements, analyzed data, developed and built **SSRS** reports and dashboard.
* Used **SoapUI**inorder to test the soap web service.
* Implemented Spring Beans using **IoC** and Transaction Management features to handle the transactions and business logic.
* Used Oracle 10g database to design various tables required for the project and used Stored Procedures in the application.
* Used **WebSphere** app server to deploy the application.
* Designed and developed web services like **SOAP**, **XML** schemas, **JAXB** and **XSL** and Involved in activities like code review and performance improvement.
* For testing the application used**TestNG**testing framework and Maven as a build andmanagement tool to get the required dependencies for the respective project.

**Environment:**Java 1.7,JSF 3.0, SOA,Web Logic 10.3, Angular 2/4,SOAP, AJAX, HQL, MY SQL, SSIS,SSRS,XML,XHTML, CSS, JavaScript, Web Sphere ,Ec2,S3, Maven, Apache Camel, Nexus Repository, Sonar Lint, Spring MVC, Hibernate 3.1, CVS, Swing.

**Client: Toyota Motors Erlanger, KY March 2013 – March 2015**

**Role: Software Engineer**

**Responsibilities:**

* Applied the latest development approaches including **MVC,** event-driven applications using **AJAX**, **Object Oriented (OO) JavaScript, JSON, and XML**.
* Built rich prototypes and applications using **HTML5, CSS3, JavaScript, jQuery, Ajax, JSON, AngularJS and Bootstrap.** Converted data from database into **JSON** or **XML** format files and retrieve useful information using **AJAX** calls to display them on the browser.
* Designed **CSS templates** for use in all pages on the website working with CSS Background, positioning, text, border, margin, padding and table.
* Implemented **Single Page Design** and customized directive and filter criteria by using **AngularJS.**
* Used **AngularJS services, controllers and directives for front end UI, AngularJS MVC** for cross-browser functionality and used Firebug for Firefox, Inspector tools for Chrome, IE developer toolbar for IE.
* Utilized **Angular.JS UI**-**bootstrap** components like time picker, directives, model pop-ups, ng-grid, router, progress bar, ng-Idle, ng-Upload. Implemented flexible routing and nested using Angular.JS-ui-router. Used **Bootstrap** and media queries to create a Responsive Webpage across different screen-sizes.
* Involved in developing **HTML and JavaScript** for client side presentation and data validation on the client side.
* Used Spring 3 Framework for Dependency injection and integrated it with the Struts Framework and Hibernate.
* Extensively used **NPM, Bower** to install and manage dependencies in applications and utilized **Grunt CLI** as build tool for minification, uglification on both the client and server side.
* Used **jQuery** to traverse through a DOM tree and manipulated the nodes in the tree.
* Implemented the Drag and Drop functionality using jQuery framework and used **jQuery widgets** and plug-ins like Accordion, Date picker, Message plug-in and Validation plugin in the applications.
* Designed the system based on **Spring MVC Model** architecture. Developed a business logic layer using Spring **Dependency Injection** and client side Java-beans for **DAO** Design Patterns.
* Developed **Hibernate** with Spring Integration as the data abstraction to interact with the database and used dependency injection (DI) using **Spring framework** and **annotations**.
* Hands-on experience in different modules (**Spring Core, Spring MVC, Spring ORM, Spring JDBC, Spring AOP, Spring Security**) of Spring Application Framework.
* Developed responsive applications using **Bootstrap JS** which allowed the same application to be optimized for both mobile and desktop resolutions.
* Developed project on Eclipse, Version Control with **Git** and **Automated Build & Deployments** using **Gradle**, puppet, nexus, and ANT scripts in **Jenkins**.
* Used **Hibernate** for mapping java classes with database and created queries with Hibernate query language (**HQL**) on **MYSQL** database
* Implemented Rest based services using JAX-RS annotations, Jersey as provider and implemented **security using OAUTH.**
* Extensively involved in developing **Restful** Web services using **Jersey** framework **(JAX-RS)** and **REST** annotations.
* **Oracle**
* Validated the code using **W3C Mark-Up** validation and also checked for the cross-browser compatibility.
* Incorporated knowledge of **TDD** for front end UI applications and performed end-to-end testing with **Protractor,Karma and Jasmine**.
* Maintained the code repository on **Git** through frequent and definite updates and built the application using **Maven** to deploy on **Weblogic** Server and used **Jenkins** for continuous integration.

**Environment:** HTML, XHTML, DHTML, CSS, CSS3, JavaScript, jQuery, Mocha, XML,JSON, RESTful Webservices, JMS, JTA, Weblogic, Spring Tool Suite, Git, Jenkins, Gradle, MYSQL, Maven, Jenkins, log4j.

**Client: I Gate, India Mar 2011 – February 2013**

**Role: Software Engineer**

**Responsibilities:**

* Participating in the High-level and low-level system design, Production, planning, estimation, Testing and implementation of registration and forgot flows.
* Developed cross-browser/platform **HTML5, CSS3** and **JavaScript** to desired design specs for single page layout using code standards.
* Responsible for developing Use case diagrams, Class diagrams, Sequence diagrams and process flow diagrams for the modules using **Microsoft Visio.**
* Creation and maintenance of data using Oracle database. **JDBC** for database connectivity with Oracle.
* Implemented Servlets, **JSP'S, SOAP Web-services** and associated business modules integration.
* Involved in Unit integration and UAT with test cases. Developed Junit Test Cases for Code unit test.
* Involved in analyses and design phase using **Agile** Methodologies.
* Involved in the integration of Spring for implementing **Dependency Injection** (DI/IOC).Used **Spring MVC** based on **Spring annotation** such as @**request Mapping.**
* Responsible for customizing data model for new applications by using **Hibernate ORM** technology.
* Involved in creating **Web Service** interface and implementation based on **HTTP.**
* Involved in **SOAP** development when coordinating other part of the project with current one. Testing **Web services** using **Soap UI tool**.
* Used Websphere6.0 server to develop and deploy the application.
* Maintained the business standards and the requirements in **JavaBeans** and deployed them.
* Used **Log4j** for writing the log files and for logging errors, debugging and tracking using loggers, appenders components.
* Used **CVS** as Version Control System for the application. Resolved database inconsistency with better design and efficient **SQL** queries.
* Provided technical support to internal developers and external clients Generated test data and tested database to meet the functionalities/deliverables in the project documentation and specifications.
* Onsite coordination which required status of issue fix, daily status call with offshore team.Involved in production support of various applications & Responding immediately for fixing code bug issues, Escalation, Enhancement.

**Environment:** Spring, Hibernate, CVS, java 1.6, Web-Sphere 6, Eclipse, JSP, Servlets 2.0, HTML5, JavaScript, CSS3, JQuery, Ajax, JDBC, SOAP, Oracle 10g, WSDL, LDAP, Soap Web Services, Bootstrap, PL/SQL, JUnit, SQL Developer and Log4j.