**SUHASINI**

**Sr. Java Developer**

**Email: suhasinichowdary94@gmail.com**

**Phone: +1 4699889859**

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**Java | HTML | JavaScript | Angular | React JS |Spring Boot | Hibernate | Application Security | Bootstrap UI | AWS | Azure | Micro Services | Product Development.**

**SUMMARY:**

* **9+** **years** of **professional** **experience** in all phases of the **Software** **Development** Life Cycle (**SDLC**) including Requirement **Gathering**, Analysis, **Design**, **Development**, Implementation and Maintenance of **Medium** to **Large** Enterprise applications.
* Expertise in developing **multi-Tier Enterprise** applications using **Java**, **J2EE**, **Servlets**, **JDBC**, **JMS**, **Spring Boot**, Struts, AJAX, **Angular** **JS**, **Angular**, **Applets**, **Hibernate**, EJB, JNDI, **ORM**, JAAS, Spring Core, **GWT**.
* Experience in developing web applications using technologies like **HTML, CSS, XML, Java Script, TypeScript, Angular** **JS**, **Angular 6/9, AJAX, CSS, DOJO, JSP** Tag libraries and Tiles.
* Implemented responsive **UI** rich web applications with Angular**9** and used reactive & template driven forms to associate HTML elements to model & provide dynamic user validations on client side.
* Extensive experiences with **Agile / SCRUM** and **Waterfall** development methodology.
* Experienced in using different responsive frameworks like **Bootstrap/Foundation**.
* Exposure to Microservices framework **Spring Boot** using **Eureka service, Zuu proxy and Hysteric** dashboard.
* Good experience in technologies like Spring Framework, **Hibernate** and JSF.
* Experience in designing and developing **Node** based services and deploying same on to **cloud platforms**.
* Strong Experience in Core Java, **Multi-threading, Collections, JSP, Servlets, Spring 3.x, Struts 2.x** and JDBC.
* Experience in working with different monitoring tools like **Splunk**.
* Experience in using **Angular-CLI** for scaffolding the application and creating components and services.
* Experienced in working with cloud-based applications hosted on **AWS, PCF and Azure**.
* Experience in OOP, Object Oriented Analysis (**OOA**) and Design (OOD) using UML.
* Expertise in **J2EE** Design Patterns such as MVC, Singleton, **DAO**, Composite view.
* Experience with **Docker** Containers, leveraging Linux Containers and AMI’s to create **Docker** Images/containers and Kubernetes.
* Experience in Web Services like Restful (Microservices), **SOAP, WSDL** and good Knowledge in SOA.
* Experience in handling messaging services using **Apache Kafka, RabbitMQ**.
* Experience in using testing tools like JUnit and building tools like **Ant and Maven**.
* Experience in developing and deploying J2EE components on application servers such as **Web logic Server**, Apache Tomcat, JBoss and IBM Web sphere.
* Experience in developing the applications using **Eclipse IDE, IntelliJ, Net Beans**, RAD 9.1.0.
* Experienced in testing **Angular**, applications using **Jasmine, Mocha, Karma, and Angular** Test Bed.
* Experience in **TDD** Test Driven Development, **BDD** Behavior Driven Development using Jasmine.
* Excellent working experience on Big Data Integration and Analytics based on Hadoop, SOLR, Spark, Kafka, Storm, and web Methods technologies.
* Hands on experience working on **NoSQL** databases including **HBase**, **MongoDB, Cassandra**, and its integration with Hadoop cluster.
* Experience in designing database tables and writing **DDL’s, DML’s** and simple to medium complex procedures, partitioning and indexing tables to improve performance on **SQL**.
* Experienced in using **Tomcat** 6.0, Web Logic, JBoss, Web sphere and Version Control tools like **GIT, CVS, SVN**.
* Ability to handle multiple tasks and work independently as well as in a team, adapt quickly to new and emerging technologies and experienced in interacting with **Business**/**Technology**.
* Motivated team player with ability to work under minimal supervision processing strong analytical, problem solving and strong and succinct **communication skills.**
* Excellent work ethics, leadership qualities as well as a great **team player**.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Languages** | Java, SQL, PL/SQL, JavaScript, Python. |
| **J2EE Technologies** | JDBC, Hibernate, JSF, JMS, Web Services. |
| **Tools and Framework** | Spring, Spring Boot, Struts, Hibernate, Spring Security. |
| **Web technologies** | Angular JS, Angular, Node.js, React.js, JavaScript, HTML5, CSS3, JSON, jQuery, J2EE, Ajax, Bootstrap. |
| **Servers** | Apache Tomcat, WebLogic, JBOSS, WebSphere. |
| **Databases** | Oracle, Microsoft SQL, No-SQL, MongoDB, Cassandra. |
| **IDE Tools** | Eclipse, IntelliJ, Spring Tool Suite, Postman. |
| **Testing Tools:** | Junit, Load Runner, Jasmine. |
| **Web Services** | SOAP, RESTful, Microservices. |
| **Version Controls** | Git-Hub. |
| **Build/Deployment Tools** | Maven, Jenkins, Gradle, Kubernetes, AWS, AZURE, WEB LOGIC. |
| **Methodologies** | Waterfall, Agile. |
| **Operating Systems** | Windows, UNIX, LINUX. |

**EDUCATION:**

* Bachelor of Technology, Computer Science, University of Madras
* Master’s in computer science, University of north Texas

**PROFESSIONAL EXPERIENCE**

**Client:** **Citi Bank**

**Location: Irving, TX.**

**Role: Sr, Java Full Stack Developer Feb 2022 to Present**

**Responsibilities:**

* Used Scrum as a development methodology, participated in Daily Scrum meetings, Sprint planning and **Sprint Planning, Retrospective**, and other Agile meetings.
* Used latest **Spring Boot**, which is radically faster in building cloud based Microservices with very less configuration.
* Implemented responsive **UI** rich web applications with **HTML5, CSS3, TypeScript, Bootstrap and Angular 9** and used reactive & template driven forms to associate HTML elements to model & provide dynamic user validations on client side.
* Designed and created a complete setup to run **Angular** applications using **angular cli**.
* Used **Angular** to connect the web application to **back-end APIs**, used **RESTful** methods to interact with APIs.
* Implemented **Angular** Routing and **Navigation**, **Components**, Services.
* Worked with Java features like **Lambda** Expressions, Method references and Stream processing.
* Implemented **Angular** Router to enable navigation from one view to the next as customer performs application tasks.
* Creating custom directives, decorators, and services to interface with both restful and **SOA** services.
* Maintained Interface compatibility and concurrency in the project using **Java 11** new features like default, static methods, and Concurrency **API**.
* As part of securing the Restful Webservices we used spring security filters along with bearer token authentication mechanism using **JWT** token.
* Implemented the **RESTful** service using Spring Boot framework with Hibernate (with JPA) for **CRUD** operations.
* We hosted all our Microservices in **AWS** cloud infrastructure using Jenkins **CI/CD** **pipelines**.
* Implemented **Kafka** producer and consumer applications on **Kafka** cluster setup with help of **Zookeeper**.
* Supported in creation team’s **AWS** Infrastructure while coordinating with network engineering team on building subnets creation and Security groups creation and firewalls rules implantation.
* Implemented unit test for testing **Angular** components with frameworks using **KARMA** and **JASMINE**.
* Mapped the objects with the Database using **Hibernate** Query Language (HQL) as the Persistence Framework.
* Monitored and fixed issues Build’s for **QA, DEV**, integration, and production are monitored by integrations tool Jenkins.
* Involved in writing of test cases using Junit and **Mockito** framework and maintained a branch coverage above 85% which is a mandatory requirement.
* Worked on making the **DevOps** pipelines using **Kubernetes** for the Microservices Architecture.
* Worked with the DBA to design the tables and create/modify tables in the **My SQL**. Also, wrote **SQL** and Unix commands for the job. Developed design document for the project.
* Used **GitHub/Jira/Confluence** tool for daily routines.
* Generated **swagger** documentation for rest services and exposed it external teams by using spring fox swagger library.

**Environment:** Java, Spring framework, Spring Boot, React JS, Spring Reactive, Restful Webservices, Jasmin, AWS Infrastructure, Cloud formation template, MY SQL, Kafka, Docker, Angular 9, Bootstrap, Type script, HTML5, OpenShift, Kubernetes, CSS3, JPA, GIT Hub, Jenkins, JSON, DB2, Gradle, Junit, Mockito framework, Swagger, Post man, Jira.

**Client: Blue Cross Blue Shield Detroit**

**Location: MI**

**Role: Java Full Stack Developer Mar 2020 – Dec 2021**

**Responsibilities:**

* Involved in the design and development phases of **Agile Software Development.**
* Developed services that are reusable and interoperable, based on **SOAP, WSDL, JAXWS, JAXRPC Web services.**
* Involved in creating dynamic web site design and programming using **HTML, CSS3, JavaScript and jQuery.**
* Developed **POJO** objects and used **Hibernate** as the **Object-Relational Mapping (ORM)** tool to access the persistent data from SQL Server.
* Responsible for developing the connection pooling for FileNet Server implementing **spring** framework concepts such as Transaction management and **DAO** support.
* National level complex problem-solving competition, using **JAVA, Data Structures and Algorithms**.
* Used **Spring Validation** framework to implement the server-side validations and used **Ext JS,** **AJAX** to get the data from the server asynchronously by using JSON objects.
* Built Web pages those are more user-interactive using **jQuery plugins for Drag and Drop, JqValidator, AutoComplete, AJAX, JSON.**
* Developed Business components using **Multithreading, Servlets, and JSP.**
* Involved in generating **JAXB** classes from schema files.
* Involved in deploying systems on AWS Infrastructure services **EC2, S3, RDS, SQS, and Cloud Formation.**
* Developed cross browser compatibility code **using CSS and jQuery**.
* Effective use of **data structures and algorithms** to solve complex problems, reducing time complexity and memory usage.
* Provided installation, configuration & maintenance of pre-prod and production Cloud environments including services such as **Tomcat, Apache, Jetty, MongoDB, MySQL, and JIRA**.
* Hands-on writing **Stored Procedures, functions, triggers, DDL, DML SQL** queries. Experience in writing **SQL, PL/SQL** programming and SQL Loader.
* Worked on **Hibernate** object relational mapping according to database schema.
* Did load testing of SOAP Web Services using **SOAP UI** and Apache **JMeter** tools.
* Developed a GUI to help to read the logs generated by the scripts, the logs were saved in **MongoDB, the GUI was created using flask, D3, jQuery table sorter.**
* Implement **Google Analytics** for various **screen, feature** and **service** and **user base tracking**.
* Integrated **Google Analytics** for tracking various screen and functionality of the PSAL App.
* Implemented Internationalization using **Spring MVC Interceptors and spring core modules.**
* Delivered mobile app for book reading capability with **HTML5** **Sencha** and online services with Flash/Flex.
* Technology leadership for the direction of the Cloud based application using **Node.JS, PDFJS, MongoDB** and MS SQL Server integrating to a proprietary framework.
* Used **JMS (Java Mailing Service) API** to mail notifications upon the success or failure when the backend processes are completed and to send mail notifications regarding any system related problems.
* Developed **PL-SQL** store procedures to convert the data from Oracle to **MongoDB.**
* Developed user interface using JSP with **JavaBeans, JSTL and Custom Tag Libraries, JS, CSS, JQuery, Node.js, HTML, SASS and Ajax** to speed the application.
* Prepared and presented **UNIX** production and implementation schedules to the Project Manager and client.
* Wrote **PL/SQL** Queries, stored procedures, triggers and prepared statements.
* Develop batch processes for financial reporting applications and modules using **Perl** and **Korn** shell scripts on **Oracle database**, with partitions and sub-partitions.
* Developed Test classes using **JUnit and Easy Mock** and test coverage using **EMMA** plug-in.
* Worked with **Splunk** to logging and analyzing defects status.

**Environment:** Java, J2EE, JDK 1.5, UNIX, JBoss 3.0, Spring core, MongoDB, JMeter, Hibernate, Jetty, Perl, Spring MVC, Hibernate, SOAP Web services, FileNet, Ajax, XML, jQuery, HTML, CSS, TC Server, SASS, JAX-B, SVN, Maven, Jenkins, AWS, SFX, Splunk.

**Client: Molina Healthcare**

**Location: Bothell, WA**

**Role: Java/J2EE Developer Feb 2019 to Feb 2020**

**Responsibilities:**

* Involved in **Software Development Life Cycle SDLC.** Gathering business logic and requirements, then figure out technical solutions for better implementation.
* Build **REST**web service by building **Node.js**Server in the back end to handle requests sent from the front-end **jQuery Ajax calls**.
* Developed server-side logic using **Struts 2, Hibernate 3, and JPA**by writing configurations.
* Extensively involved in coding with **core Java** concepts like **Collections, Exception Handling, Java I/O,**and**Generics**to implement some business logic.
* Wrote **Hibernate 3**configuration files to enable the data transactions between **POJO** and **Oracle Database**.
* Built **DAO** package as well as **DAO IMPL** package to implement the data access logic and using **Hibernate Annotation** to do the data mapping.
* Wrote corresponding **service** to **handle the request** from front-end pages like transfer funds and view transaction history.
* Extensively involved in writing **PL/SQL** or **HQL** to implement **CRUD** Create Retrieve Update Delete data in **Oracle Database**.
* Implemented the **Graphic User Interface GUI by coding in HTML5, CSS3, Bootstrap, JavaScript, jQuery, and jQuery UI.**
* Extensively involved in writing **JavaScript/ jQuery Ajax call** to retrieve the data from the back end then display on the screen in a well-organized way.
* Wrote **JUnit test case** for back-end logic implementation development.
* Wrote **QUnit** test code for JavaScript test case for front-end tests.
* Provide **Log4J** for QA and communicated with QA for further modification.
* Modified the web.xml and inject **Spring Security** to ensure back-end security.
* Used **Subversion SVN**for version control, and **JIRA** for tracking bugs.
* Configured and set up **JBoss 4.0** Server for deployment.

**Environment:** JDK 1.5, J2EE, hibernate 3.2, Hibernate Annotation, Oracle 10g, Spring Security, JSP, JUnit, JSTL, JPA, Servlet, Java Mail, **HTML5**/HTML, CSS3/CSS, JavaScript, jQuery, Angular.JS, Ajax, Bootstrap, JSON, XML, JBoss, log4J, Subversion SVN, JIRA, SCRUM, Eclipse

**Client: Kansas State Department**

**Location-KS**

**Role: Software Engineer Sep 2017– Feb 2019**

**Responsibilities:**

* Designed user interface using **HTML, CSS, JavaScript, jQuery, Ajax, XML, AngularJS,** and Bootstrap for responsive web-design.
* Implemented functionalities like validations, searching, sorting, and filtering using AngularJS and **JavaScript**.
* Used **Spring Framework** for dependency injection for Action classes using Application Context XML file.
* Implemented **MVC** pattern using **JSP** and Spring Controller.
* Worked with **Spring IOC, MVC** and AOP for developing business objects.
* Executed SOA architecture using **SOAP, WSDL, UDDI and XML** web services.
* Used **RESTful** web services to expose certain functionalities of the application.
* Developed user interface using **JSP, Struts** published validation framework to support client side and server-side validations.
* Implemented collections for model classes in **DAO layer**, modified some changes in DAO layer using Hibernate.
* Created mappings among the relations and written **SQL** queries using Hibernate.
* Written complex **PL/SQL** queries using joins, scripts, triggers, functions, cursors, indexes, and stored procedures.
* Used **Entity** Beans to persist data into **IBM DB2** database like access components, creating schemas and tables.
* Used Jenkins as build management tool.
* Created Feature File Scenario Outline with Cucumber framework and wrote Acceptance test using **BDD**.
* Used **JUnit** for testing and **JIRA** for tracking bugs.
* Responsible for dealing with problems, bug fixing and troubleshooting.

**Environment**: Eclipse, JavaScript, JSP, JSTL, Spring Boot, Spring Framework, Hibernate, Spring JMS, Oracle, JDBC, SOAP and WSDL Web Services, JSON, Cucumber, WebSphere, Java, Jira, Jenkins, Ajax, DB2, CVS.

**Client: Value Labs Solutions**

**Location: Hyderabad, India**

**Role: Application Developer Oct 2014 - Dec 2016**

**Responsibilities:**

* Involving in requirement analysis, design of **multiple modules** during the development phase.
* Created Java services and controllers which are responsible for getting the data from the **DB2** data base and display.
* Used spring config server for centralized configuration and **Splunk** for centralized logging. Used Concourse and Jenkins for Micro services deployment
* Involving in developing the project requirement using **Java, JDBC, JSP and WSDL**.
* Involving in code check in and checkout in **SCME** using **Unix** commands
* Used Angular 6 to provide powerful data binding features, allowing you to easily bind data from your components to the HTML templates.
* Implemented **Angular** JS and **AJAX**
* Developed a web 2.0 control console using **GWT** to manage data matching for data staging
* Used JDBC API to connect to the database and carry out database operations.
* Developed Stored Procedures to update records daily and it will invoke using cron job in **LINUX** Responsible for the Migration of the application from **Web** **Sphere** to **JBoss**.
* Developing **Ant** and **Maven** scripts to automate the compilation, deployment, and testing of Web and J2EE applications to the above platforms
* Developed **JDBC API** to connect to the database and carry out database operations.
* Involved in developing the custom user controls (XML Field) and web parts for **UI** Interface.

**Environment:** Java, J2EE, JDBC, HTML, REST, Web Services, WebSphere Application Server, WebSphere Studio Application developer, Spring MVC, Eclipse, Toad, Visio, MS Office, Hibernate, Apache Tomcat, EJB.JBOSS, Jenkins, GWT, MS SQL Server.