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**EXPERIENCE SUMMARY**

**Over 3.5 years of professional IT experience in developing scalable, reliable and efficient enterprise applications using Core Java, Spring, Webservices, Hibernate, Angular 2/4.**

* Involved in **full life cycle of Software Development** **(SDLC)** process including **requirement gathering, design, development, implementation, testing and maintenance.**
* Experience in **Object oriented analysis, design/development methodologies, UML Use Cases, Sequence, Page Flow and Class Diagrams.**
* Experience in various **MVC frameworks** – **Angular 2/4, Spring, Hibernate**.
* Experience in developing **RESTful web services (JAX - RS).**
* Experience in developing rich **user interface** using **Angular 2/4, JSON, JavaScript, HTML5, and CSS3.**
* Good Knowledge in **Spring Boot** Configuration using **Maven**.
* Experience in **implementing persistence** layer using **JDBC and Hibernate**.
* Solid Experience with **SQL, PL/SQL, and databases** including **Oracle, MySQL, DB2**.
* Worked with **object-oriented design principles(oops) like encapsulation, abstraction, polymorphism, inheritance, Multi-Threading.**
* Experience in writing **unit tests** using **Junit, Jasmine and Karma.**
* Good working knowledge to develop the projects using **Waterfall, Iterative, Test Driven Development and Agile Methodologies.**
* Experience in using **IDE tools** such as **Eclipse, Spring Tools Suite.**
* Experience in using **various Configuration Management** tools like **SVN, Git, CVS**.
* Good Working Knowledge on **Web and Application Servers** – **Tomcat, WebLogic.**
* Good Working knowledge of various **design patterns such as MVC, Singleton, Dao**.
* Quick to learn new technologies and ability to work in tight schedules on different applications concurrently.

#### **TECHNICAL SKILLS**

|  |  |
| --- | --- |
| LANGUAGE | JAVA, J2EE, PL/SQL, UML. |
| WEB TECHNOLOGIES | HTML5, CSS3, Java Script, ANGULAR 2/4/5, RXJS, JQUERY, RESTFUL WEB SERVICES. |
| FRAMEWORKS | SPRING, Spring Boot HIBERNATE, ANGULAR 2/5, JAX-RS |
| IDE'S | ECLIPSE, NET BEANS, Spring Tool Suite. |
| APPLICATION SERVERS | JBOSS, APACHE TOMCAT. |
| DATABASES | MYSQL, ORACLE, SQL SERVER. |
| SCRIPTING LANGUAGE | JAVASCRIPT, TYPESCRIPT |
| TOOLS | BUILD (ANT, MAVEN), LOGGING(LOG4J),VERSION CONTROL (CVS, SVN, GIT, CLEAR CASE, SURROUND),TESTING (JUNIT, JASMINE, KARMA). |

#### **EDUCATION**

* Master of Science in Computer Science from University of Central Missouri.
* Bachelor of Technology in Electronics and communication Engineering from Jawaharlal Nehru Technological University India.

#### **PROFESSIONAL EXPERIENCE**

#### **COMCAST Aug 2017- till date**

**Philadelphia, PA**

**Full Stack Developer**

**Responsibilities:**

* Involved in creating **Single Page Application** with loading multiple views using route services and adding more user experience to make it more dynamic by using **Angular 2.**
* Developed the Model/View using **Angular 2/4.**
* Responsible for Creation of TypeScript reusable components and services to consume **REST API’s** using Component based architecture provided by **Angular 2.**
* Used Selectors, Events and Dom Manipulation using components in **Angular 2** for updating content on DOM nodes.
* Created tasks for updating tsconfig tracked based on tslinting, and compiling **Typescript** files
* Involved in developing templates using **HTML5** and **CSS3.**
* Involved in writing **typescript** for the **components communication** in the application.
* Implemented **RESTful web services** using **HTTP Client**.
* Implemented unit testing using **Jasmine and Karma**.
* Used **GitHub** to maintain the versions of the source code of the project.
* Followed **Test Driven Development (TDD)** for the components and used **Jasmine for unit testing.**
* Helping the QA team in **testing the application.**
* Provided Clarification to a functional requirement to the team for any defect raised.
* Involved in deploy the application in development, test and Production environment.

**Environment:** Angular 2, TypeScript, Node JS, Firebase, REST API, REST services, Jasmine, Karma, Visual Studio.

**University of Central Missouri JAN 2017 - MAY 2017**

**Lee Summit, Missouri**

**Java Developer**

**Responsibilities:**

* Developed web application for course modules - class registration / allocation.
* Rewrote the current web app using **Angular 2/4, Typescript** Which is initially in Java, Spring and Hibernate
* Developed application front end with **HTML5, CSS3** using **Bootstrap** Classes**.**
* Developed the components for the modules.
* Involved in developing the routing between the components using lazy loading of the modules.
* Worked with QA to write test cases for testing the modules in the application.

**Environment:** Angular 2, TypeScript, Node JS, Firebase, REST API, REST services, Jasmine, Karma, Visual Studio.

**INFOSYS LTD SEP 2014 – DEC 2015  
Hyderabad, India**

**Java Developer**

**Responsibilities:**

* Understanding and analyzing the Client Requirements with existing flow and functionalities.
* Developing the Java bean Classes and configure them in XML files.
* Wrote automated build scripts using **Maven pom.xml.**
* Implemented the data access layer using **Hibernate persistence** framework through **Hybris Suite.**
* Building **Restful Web Services** Using **Spring Restful services.**
* Developed the enterprise application by integrating **Spring/Hibernate** Frameworks.
* Used spring framework to implement the **MVC design pattern** for implementing the business logic of the application.
* **MySQL** database has been used in the storage section. Having responsibilities to create lots of SQL queries, stored procedures, and triggers.
* Developed Scripts for the build process, Performed Unit Testing Using JUnit.
* Used **SVN** as a version controller. Implemented Log4J to trace logs and to track information.
* Followed **test driven design (TDD)** technique and worked on Pair programming.

**Environment:** JDK1.7, Spring, Eclipse, Apache Web server, Tomcat, WebLogic, MySQL, Spring Hibernate, Git, Maven, Log4J, Junit, Mockito, Postman, Hybris.

**Tech Matrix MAY 2013 – AUG 2014**

**Hyderabad, India**

**Java Developer**

**Responsibilities:**

* Used Spring Core Annotations for Dependency Injection **and Spring MVC for REST API** s and
* Worked on Spring Security for application authentication and Modifying the Spring MVC, REST Controllers and Services classes as part offspring framework.
* Used **Dependency Injection (DI) or Inversion of Control (IOC)** to develop code for obtaining bean references in spring framework using annotations.
* Used ANT and Jenkins for Build process and continuous integration. Onshore/Offshore coordination.
* Analyzed problems faced in the implementation of spring Web Services in the Loyalty Services and **JAX-RS** integration in Avios Loyalty service and provide quick solutions to the dev team.
* Helping the QA team in **integration testing.**
* Writing **Junit test cases** and test suite for the branch coverage.
* Fixing QA defect for the application.
* Deployment of the application to the test and production environment.

**Environment:** HTML5, CSS3, JavaScript, REST API JAX-RS, Hibernate, Spring MVC,), Log4J, ANT, Java, Spring 3.0, Hibernate, Spring WS, JAX-RS, Spring web services, WebLogic, Junit, Eclipse, JSP.

#### **PROJECTS EXPERIENCE:**

[**Recipe ingredients**](https://github.com/Bssundarkumar/Recipe_ingredients)**:**  **Aug 2017**

<https://github.com/Bssundarkumar/Recipe_ingredients.git>

* Recipe-Ingredients is a shopping application allows us to select a recipe and accordingly we can add required ingredients to the cart for shopping using Angular 2/4.

[**Online-Class-Registration**](file:///C:\Users\bss57\AppData\Roaming\Microsoft\Word\Online-Class-Registration)**: JAN 2017**

<https://github.com/Bssundarkumar/Online-Class-Registration.git>

* Online-Class-Registration is an application in which students can register for a class offered by the university according to the limitations.