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[***bssundarkumar@gmail.com***](mailto:bssundarkumar@gmail.com)**Portfolio:** <https://bssundarkumar.github.io/sundar_resume/>

**EXPERIENCE SUMMARY**

**Over 4 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** and **Soap Web services.**
* Experience in **implementing persistence** layer using **JDBC and Hibernate**.
* Experience with **SQL, PL/SQL, and databases** including **Oracle, MySQL**.
* 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**.
* 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 (SVN, GIT),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**

#### **Inno-360 Inc. June 2018 - till date**

**East Brunswick, NJ**

**Full Stack Developer**

**Description**: Inno-360 is a technology company, which offers Innovation and Product Development teams of the world’s most innovative companies an award-winning SaaS platform that utilizes powerful cognitive analytics (powered by IBM Watson) and intuitive visualizations to investigate rich content. I worked with a team to build an application which enables a user to data mine vast amounts of content using a variety of visualization tools, eliminating the need to look at every document.

**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.**
* Involved in Developing Visualizations using **High chats, High Maps** and **D3.js.**
* Developed **REST controllers** using Spring REST to serve the UI with required **JSON** data.
* Used Selectors, Events and Dom Manipulation using components in **Angular 2** for updating content on DOM nodes.
* Used **ngrx** in the angular to get the data from **rest api** and to manipulate them.
* 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 2/4, TypeScript, Java Spring MVC, High charts, D3.JS, REST API, REST services, Jasmine, Karma, Visual Studio Code, Spring Tool Suite, Apache Solr.

#### **Orbit Health Care Aug 2016- May 2018**

**East Brunswick, NJ**

**Angular UI Developer**

**Description:** Orbit Healthcare is software developing, which provides advanced technology software solutions in the health care domain. Here I work with the team to develop the application that improve information flow between Patients, Healthcare Providers, Insurance Providers and Billing Providers to address the critical needs and reduce complexities.

**Responsibilities:**

* 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.**
* Developed the **Rest controller** and provide service to the controller to execute the **Rest Services and** providing **JSON** data to the **Angular application.**
* 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**.
* Provided Clarification to a functional requirement to the team for any defect raised.

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

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

**Systems Engineer**

**Description:** Infosys limited is an Indian [multinational corporation](https://en.wikipedia.org/wiki/Multinational_corporation) that provides [business consulting](https://en.wikipedia.org/wiki/Business_consulting), [information technology](https://en.wikipedia.org/wiki/Information_technology) and [outsourcing](https://en.wikipedia.org/wiki/Outsourcing) services. Here the client is Medtronic and the project is e-commerce web application to market their devices across the world.

**Responsibilities:**

* Understanding and analyzing the Client Requirements with existing flow and functionalities.
* Involved in developing **HTML** and **JavaScript** for client-side presentation and data validations within the forms.
* Involved construction of **JSP's** referring to the prototype shared by Client using styles and **css** provided by them.
* Developing the Java bean Classes and configure them in XML files.
* 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.
* 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, MySQL, Spring Hibernate, Git, Maven, Log4J, Junit, Mockito, Postman, Hybris.

**MAYUKH SOFT SOLUTIONS May 2014 – AUG 2014**

**Hyderabad, India**

**Web Developer**

**Description:** This application enables clients to access, review and update Insurance coverage’s online. The website functionality was extended by providing the customers to Login and perform online transactions like paying bills online and updating their insurance policy.

**Responsibilities:**

* Built the Responsive UI screen for creating new customer process, create bill to and ship to screens, customer search results page, and customer dashboard page using Bootstrap.
* Creating dynamic web pages using HTML/HTML5, CSS/CSS3, JavaScript.
* Developed Java J2EE application using **spring MVC** and **Hibernate** using **JDBC driver**.
* 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.
* Helping the QA team in **integration testing.**
* 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.