**Kanakadri Sastry.C**

[**Rishanthk123@gmail.com**](mailto:Rishanthk123@gmail.com) **(240)468-4836**

**SUMMARY**

* Over **8 years** of experience in design, analysis, development and maintenance of complex high performance and scalable distributed object-oriented applications in Java and J2EE.
* Excellent in **front-end UI** design implementations by writing **HTML5/HTML**, **CSS3/CSS**, **Bootstrap, JavaScript, jQuery, jQuery UI, jQuery Mobile**to make better **Single Page Application SPA**working on**Node.JS**Server.
* Extensive experience in **Angular.JS**for application implementation, proficient in creating **modules, controllers, routeProviders, factory services, ng-repeat, customizable filter, http get/post methods**and**directives**to realize functionalities like**REST service with Ajax call, input validations, searchable and sortable contents.**
* Hands on experience in writing light weight**Node.js express**server, and using technologies like **Ajax**,**JavaScript/jQuery**, **JSON** to make connections between server and databases like **MongoDB** and **MySQL**.
* Working Knowledge of MVW frameworks like **Backbone.Js, Moustache.JS Bootstrap.JS React and Redux.js**.
* Extensive experience in **Open Source**Java frameworks such as: **Spring Dependency Injection, Inversion of Control, Aspect-Oriented Programming, Spring MVC**, **Hibernate**  and **Struts.**
* Working with **ECMA** Script 6 features. Used Babel, web pack with **ES2015, react JSX** presents.
* Experienced in **React JS** and working with **React Redux** architecture.
* Experience in developing Isomorphic React Applications.
* Excellent knowledge of design patterns (**Singleton, Factory pattern, Flyweight, Decorator, Strategy, DAO, Session Facade and Model View Controller**).
* Expert in deploying applications on application servers like **IBM Web Sphere Application Server, WebLogic, JBoss, and Tomcat.**
* Experienced in implementing **SQL** **queries, stored procedures** with highest degree of optimization.
* Experience in J2EE Software Development Life Cycle SDLC of business applications on Web and client-server environment using Java and J2EE patterns,together with **JSP,Servlet,SOAP,AJAX,JDBC,XML,XSLT,**
* **JavaMail,JAXB,Web Service** and **REST.**
* Experience in**Software Development Life Cycle SDLC**Requirements Specification, Design documents and writing Test cases -**Waterfall to Agile** methodology**.**
* Exposure to NoSQL databases like **MongoDB,Cassandra**.
* Knowledge on open source javascript tools like **Google Web Toolkit**
* Knowledge in **Junit, Mockito and PowerMock** for unit level testing.
* Involved in **Agile Software Development** Team using **SCRUM**, **TDD Test Driven Development**.
* Knowledge in **Selenium** for Automated testing.
* Professional in using **Log4J** for logging.
* Expertise in using **ANT** and **Maven** and **Gradle** for building and deploying application on the servers.
* Strong experience with Version Control **like Subversion (SVN), Concurrent Version Systems (CVS), GIT**.
* Good knowledge in unit test cases like **Jasmine and Karma.**
* Good understanding of client side build tools like **npm,bower,Grunt and Gulp**.
* Good knowledge on **MQ, Active MQ and IBM MQ**.
* Sound knowledge on continuous integration tools like **Jenkins, QuickBuild,Bamboo.**
* Excellent communicative, interpersonal, intuitive, analysis and leadership skills.

**TECHNICAL SKILLS**

|  |  |
| --- | --- |
| **Languages:** | Java, JavaScript, SQL/PL-SQL, C, C++. |
| **Operating Systems:** | Windows, Unix, Linux. |
| **Java/J2EEEnterprise Technologies:** | JDBC, Swing, JSP, Servlets, EJB, JSTL, JMS, Spring, Struts, JSF, JPA, Log4j, and LDAP. |
| **J2EE Web Services:** | SOAP, REST, WSDL, JAX-RS, JAX-RPC, JAXP, JAXB, |
| **Client Side Programming:** | HTML/HTML5, CSS2/CSS3, DHTML, AJAX, JQUERY, JSON |
| **JavaScript Frameworks:** | AngularJS, node.js, Backbone.js, React.js, Requier.js, Ext JS |
| **XML Technologies:** | XML, XSL, XSLT, DTD, XML Schema, SAX, DOM. |
| **Database:** | Oracle,SQL Server,MySQL,MongoDB,Cassandra |
| **Web and Application Servers:** | Apache Tomcat, IBM WebSphere, WebLogic, Sun Glass fish, JBoss. |
| **Methodologies:** | SDLC, OOAD, Agile. |
| **Tools & IDEs:** | Apache ANT, MAVEN, Net beans, Eclipse, RAD, Eclipse IDE, Edit Plus, JSfiddle, Brackets, Microsoft Visual Studio, webstrom, npm, bower,Grunt and Gulp. |
| **Testing Tools:** | JUnit, Selenium,Mockito and PowerMock |
| **Version Control:** | Clear Case, CVS, SVN, GIT |
| **Continuous Integration Tools:** | Jenkins, QuickBuild,Bamboo |
| **JavaScript Unit Testing Tools:** | Jasmine along with Karma,protractor. |
| **ESB products** | Apache Camel, Mule, JBoss fuse. |
| **ORM frameworks:** | Hibernate,JPA,Ibatis,Spring JDBC Template,JDBC |

**EDUCATION**

* Bachelor of Technology, Information Technology from Velagapudi Ramakrishna Siddhartha Engineering College, India.

**EXPERIENCE**

**Sr. Java/UI Developer**

**Premise Health, Brentwood, TN Jan 2016 – Present**

**Description:**

**Premise Health Care** is an organization that is located in Brentwood Tennessee,Two industry Pioneers – Take Care Employer Solutions and CHS Health Services. This project entails enhancement and maintenance of the client’s health portal that assists patients in booking Appointments, Pay Bills, and Request for Medication Refills and customize the notifications to the will of the patients.

**Responsibilities:**

* Involved in Story discussions, Stand ups and Grooming for designing an effective Application framework that is in compliance with the company standards.
* Developed UI using **HTML5,SCSS, CSS3,MixPanel,Glyphicons,Bootstrap** for designing the front end UI pages**.**
* Used **AngularJS** in performing front end validations effectively, there by achieving responsiveness and scalability.
* Involved in using **Mustache**, **Backbone**, **Bootstrap**, **AngularJs** JavaScript libraries in rendering the service response to application web pages for the users with HIPPA compliance.
* Used **Bower** and **NPM** to download packages a.k.a libraries that manage front end components.
* Used **ReactJS** for building the UI Components.
* Used **React-Redux** for state management.
* Used **React-Router** for programmatic navigation.
* Used **Redux-Thunk** as a middleware to handle asynchronous actions in the application.
* Used **React-DevTools** for debugging the application.
* Used .**NET** as a middle ware service that forms the request payload and which connects with the back end API using **RESTful** API calls to establish a light-weight approach.
* Used **NodeJS**  for developing the back end API that processes the request from the .**NET** service there by validates and transforms the data accordingly and saves it to **MYSQL** back end databases.
* Performed back end validations in **NodeJS** by using **JOI** and handled HTTP errors effectively through **BOOM**.
* Implemented **JBoss drools** rules for comparing the Pool attributes between Horizon System and Portia Accounting System
* Utilized **XML** and **JSON** for storing data which needs to be utilized in some part of application, created a parser to parse both XML and **JSON** documents and used **Xpath** as a part of XML path language for finding information in an XML document. Used XSLT for XML transformations and XML trees for data parsing.
* Used **Spring Framework** for dependency injection and managed Java classes via Bean Factory.
* Used **Spring AOP** module to handle transaction management services for objects in any Spring-based application.
* Configured the xml files for **Spring Security** injection to ensure the back-end security by discriminating the role of users as well as access authority for the URIs and Server side assets.
* Implemented **DAO** layers using JPA standards and **Hibernate** API interfaces, developed **POJO**, and implemented **Hibernate** and integration with **Spring Framework**. Used **Spring Inheritance** to develop beans from parent beans and worked on **Spring Quartz** functionality for scheduling tasks using **Service Oriented architecture** SOA
* Used **Hibernate** to store the persistence data into Oracle database and written HQL to access the data from the database and wrote some complex **MS SQL** queries and was actively involved in creation of **database, modified tables, triggers, and store procedures** to clean and validate the data to meet the company specifications and Used **Maven** for building the project and involved in data replication and high availability design scenarios with Oracle Streams. Developed UNIX Shell scripts to automate repetitive database processes
* Implemented Design Patterns like **MVC** and **Factory** across the application to achieve consistency.
* Used **Mocha**, **Karma** **Chai** and **Describe** as a part of test driven development.
* Used **Gulp Grunt** and **Node** for building the project.
* Used **Eslint** tool to identify and rectify linting issues
* Used **Jenkins** for monitoring the build status of the project.
* Used **Rundeck** to move the code across the environments.
* Used **JIRA** as a ticket raising platform for tracking bugs.
* Used **Bitbucket** as the repository for hosting the code.
* Used **Logger**.Js for logging the errors.
* Used **AtomIDE and Visual Studio** for developing the project.

**Environment**:HTML5,SCSS,CSS3,MixPanel**,**Mustache,Glyphicons,Bootstrap,AngularJS,SpringAOP,Hibernate ,Promises, Bower, NPM, ReactJS, Redux, NET, AWS,RESTful, NodeJS , .NET, JOI, BOOM, Mock-knex, Sequalize, Hapi.JS, MVC, Mocha, Sequalize, Gulp , Grunt, Drools,Eslint, Jenkins, Rundeck, Bitbucket, Logger, AtomIDE and Visual Studio**.**

**Sr. Java/UI Developer**

**Express Scripts, Sayreville, NJ Mar 2015 – Dec 2015**

**Description:**

**Express Scripts Holding Company** is a Fortune 100 company as of 2013, the 20th-largest in the United States and is the largest pharmacy benefit management (PBM) organization in the United States. Headquartered in St. Louis, Missouri. This project entails enhancement and maintenance of web based applications namely Subscriber held order tracking systems that tracks customers orders and Exception manager that supports the distribution and management of work items while processing an order.

**Responsibilities:**

* Involved in design of application framework using **J2EE guidelines** and different **J2EE design patterns** and Object Oriented Analysis and Design (**OOAD**) methodologies.
* Developed UI using **HTML5, JavaScript, CSS3, AJAX, Bootstrap** responsive framework and **JSP** for interactive cross browser functionality and complex user interface.
* Performed Front end validations for the screen using **JavaScript, Angular Js directives and core java.**
* Developed front-end code with **Ajax call** in **AngularJS** and **jQuery** to retrieve data as **JSON Object** from controllers in back-end **RESTful** **Server**, then display the well-organized result in web pages by writing **AngularJS controller, directive**s**, service**s**,**and**route provider**s.
* Developed the application on **Node.js** platform using **JavaScript** programming.
* Developed UI components for email and linksharing of documents andfiles for a ContentManagement System using **BackBone.js**and **JQuery**.
* Applied data transformation business rules to transform code from one format to another format using **Node.js**.
* Created the **Node.js EXPRESS**Server to build **MVC framework** from front-end side **AngularJS** to back-end **Oracle**.
* Used **React** Virtual DOM for rendering of views.
* Used **React-Redux** promise to handle the asynchronous data.
* Used **React Router** to handle Programmatic Navigation.
* Used **Axios** in **React** for making API calls.
* Used **Springs ORM** and**DAO** layers to offer abstraction for the business from the database related code.
* Implemented design patterns like **Session Façade**, **Singleton**, **Factory, Service Locator** and **DAO**.
* Wrote services to store and retrieve user data from the **MongoDB** for the application on devices
* Involved in mapping Java objects to database tables using **Hibernate** and Java annotations.
* Used **JDBC** connectivity for querying, inserting, updating, deleting data from Oracle database.
* Used hibernate to store the persistence data into the Oracle database and written HQL to access the data from the database
* Used **JBoss** as an Application Server.
* Experience working on **Grunt** for minification of **JavaScript** files, compilation of **LESS** files into **CSS** and also for monitoring the application.
* Used **Eclipse** IDE for code development along with **GIT** for managing the code and **JENKINS** for continue integration.
* Involved in **Test Driven Development** by writing **JUnit test case** in the coding part of Java methods
* Used **Cucumber** to write test cases for new modules.
* Created automated test cases for the web application using **Selenium**.
* Used Apache **Maven**as the software build tool and **Log4J**for logging errors and messages
* Used **JENKINS** for continuous integration.
* Used **JIRA** for tracking bugs.

**Environment**:Java/J2EE,D Design Pattern, Servlets, JSP, JSF, JDBC,Spring,Hibernate,JavaScript,Ajax, Jquery,WebServices,ReactJS,AngularJS,JSON,JUnit,HTML5,CSS3,Bootstrap,MongoDB,JBossApplicationServer,ApacheMavenbuildtool,PL/SQL,RESTful API,JENKINS,GRUNT,GIT,LESS,Jenkins, Selenium,JIRA,Backbone.js and Eclipse.

**Sr. UI Developer**

**Vision Service Plan, CA Dec 2013 – Feb 2015**

**Description:**

**Vision Service Plan**, often known simply as **VSP**, is the largest provider of vision insurance in the United States. Founded in Oakland, California in 1955, the company offered the first prepaid, not-for-profit vision benefit. This application primarily used to monitor contracts. It allows to renewal current contract, modify contract and stores changes in contract. This application is used by employees and vendors. It acts primary communication between them. My role is to Design the patterns, transferring data through different layers, exposing the web services.

**Responsibilities:**

* Involved in translating **functional requirements** into **technical requirements**.
* Involved in **document analysis** and **technical feasibility** discussions for implementing new functionalities.
* Build **REST**web service by building **Node.js**Server in the back-end to handle requests sent from the front end **jQuery Ajax calls**.
* Implemented the **Graphic User Interface GUI by coding in HTML5, CSS3, Bootstrap, JavaScript, jQuery, and jQuery UI.**
* Designed **Singlepage** web applications object oriented JavaScript Framework like **Angular.JS** and **Ext.JS**.
* Created prototypes in **HTML, JavaScript** and **CSS** for different UI pages.
* Rendered views using **ReactJS**.
* Used **Backbone.JS** for passing on data from HTML forms
* Used **Spring MVC** Model View Controller to handle/intercept the user requests and used various controllers to delegate the request flow to the Backend tier of the application.
* Configured the xml files for Open Source **Spring Framework**to fulfill the Proxy Pattern.
* Configured the xml files for **Spring Security** injection to ensure the back-end security by discriminating the role of users as well as access authority for the URIs and Server side assets.
* Extensively worked on **Spring Bean Wiring, Spring DAO** and **Spring AOP** modules.
* Implemented **Spring AOP** in exception handling, which it reduce the development time to handle the exceptions
* Implemented design patterns like Session Façade, Singleton, Factory, Service Locator and DAO.
* Wrote **Hibernate**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.
* Used **Log4J** API for logging and debugging.
* Developed **UNIX** shell scripts for performing administrative tasks.
* Developed the application using **Agile methodology.**
* Worked on **Java Messaging Services (JMS)** for developing messaging services.
* Used **JERSEY** framework to implement the **JAX-RS (Java API for XML and RESTful Service).**
* Used **Ant** for building and deploying the war file into application server.
* Worked with Eclipse as the IDE to develop, test and deploy the application.
* **SVN** is used for version control systems and source code management.
* Created test cases using **JUNIT** and **Mockito**.
* Created automated test cases for the web application using **Selenium**.
* Configured and set up **JBoss** Server for deployment.
* Used **JIRA** for tracking bugs.
* Used **JENKINS** for continuous integration.

**Environment**:Java/J2EE,DesignPattern,Servlets,JSP,JSF,JDBC,Spring,Hibernate,JavaScript,Ajax,Jquery,WebServices,ReactJS,AngularJS,NodeJS,JERSEY,JUnit,HTML,CSS3,Bootstrap,JBossApplicationServer,Ant,PL/SQL,RESTful API,JENKINS,SVN,Selenium,Eclipse,Log4J,JIRA.

**Java/UI developer**

**Arvest Bank, Bentonville, AR Oct 2011 – Dec 2013**

**Description**:

Account Information System provides new functionalities to modify existing banking application, which supported Customer/Account relationship, Loan Account profile, Transaction and Account Management and Funds Transfer functions. I was involved in developing an enterprise web application that helps the organization in accepting and processing the payments in the form of electronic checks and provide the option for automatic enrolling in payment plan.

**Responsibilities:**

* Involved in System Analysis and Design methodology as well as Object Oriented Design and development using **OOAD** methodology to capture and model business requirements.
* Used the **ESB** to communicate between different client platforms.
* Developed **UML** use-case, class, object, sequence, collaboration and activity diagrams using **UMLet**.
* Development UI modules using Bootstrap, **HTML, JSP, JSF, JavaScript** and **CSS.**
* Familiar with concepts of **Directives**, **Data-Binding** and Dependency Injection in **AngularJS.**
* Developed single page web application using **AngularJS**.
* Added **AJAX** calls using JQuery
* Wrote Code to interact with back-end **JAVA, AJAX**, **JSON**.
* Used **AJAX** with JQuery to parse JSON object to dynamically overlay contents on web pages.
* Used Oracle10g as the back end database.
* Used **Spring MVC framework** for developing the application.
* Involved in the integration of **spring** for implementing Dependency Injection (**DI/IoC**). Developed code for obtaining bean references in **Spring IOC** framework.
* Primarily focused on the **spring** components such as **Dispatcher Servlets, Controllers, Model and View Objects, View Resolver.**
* Extensively used Custom **JSP** tags to separate presentation from application logic.
* Installation, Configuration administration of JBOSS environment, including deployment of **Servlets**.
* Developed Scripts for **UNIX** platform deployment.
* Used **Hibernate** for interacting with Persistence Layer for **CRUD** operations. Developed Rest architecture based web services to facilitate communication between client and servers.
* Used **CVS** for version control system.
* Used **JBoss** as the Application Server.
* Used **Log4J** for logging the user events.
* Used **MAVEN** for compilation and building JAR, WAR and EAR files.
* Used **JUnit** for the unit testing of various modules.
* Used **JENKINS** for continuous integration.

**Environment**:Java/J2EE,DesignPattern,Servlets,JSP,JSF,JDBC,Spring,Hibernate,JavaScript,Ajax,Jquery,WebServices,AngularJS,NodeJS,JUnit,HTML,CSS3,Bootstrap,JBossApplicationServer,Ant,PL/SQL,RESTful API,JENKINS,SVN,Eclipse,Log4J.

**Web Developer**

**Regius IT Solutions Ltd, India Jun’09-Sept’11**

**Description:**

Regius IT Solutions Ltd offers a wide range of integrated smart utility solutions with the right mix of products and services from its own portfolio as well as partner offerings. It has a rich repository of best practices, frameworks, methodologies, collective experience and competencies gained over the years through a range of projects executed under the most demanding geographic and political environments. Specializes in billing, payments, collections, customer care, call center, interaction management, trouble call center, and accounting.

**Responsibilities:**

* Part of **planning** sessions with team members to analyze requirements. Outlined, proposed and coded the proposed solutions.
* Developed the web application using **JSF framework** with user interfaces using **JSP, HTML,**and **CSS**. Also used JSF validation framework for front-end validations
* used **DOJo** toolkit to construct Ajax requests and build dynmaic webpages uing JSp’s , DHTML and java scripts.
* Development of **Action Forms**, **ActionServlets**, Action and Validating Action Formsin **Struts** framework.
* Configuring Action Mappings in **Struts-config.xml**. Extensively involved in the development of Web Services interface to workflow system to facilitate setting up of customer's modem.
* Developed the bean, the business method interfaces and the DAO for the workflow **Web Services** framework.
* Design and implementation of **J2EE** patterns E.**g. MVC, Value Object**, **Data Access** **Object, Business Delegate, Service Locator, Session Facade**.
* Developed applications, which access the database with JDBC to execute queries, prepared statements, and procedures.
* Developed programs to manipulate the data and perform CRUD operations on request to the database.
* Worked on developing **Use** **Cases**, **Class** **Diagrams**, **Sequence** **diagrams**, and **Data** **Models**.
* **Developed and Deployed SOAP Based Web Services on Tomcat Server**
* Coding of **SQL**, **PL/SQL**, and Views using **IBM** **JMS** management.
* Used **JUNIT** for unit level testing.
* Used **Log4J** for logging the user events.

**Environment**: Java, J2EE ,AJAX, Struts,, SOAP, HTML, XML, JSP , JDBC, ANT, XML, Tomcat, JUNIT, DB2, Eclipse ,GIT,Log4J,WebLogic,Dojo.

**Java Developer**

**Magna InfoTech, Delhi, India Mar 2008 – Jun 2009**

**Description**:

It is an internal project developed as a fully Web-based system. ITS deals with managing and tracking of all the issues, which arise either prior to or, after the release of various software solutions. The system should also provide the facility to send Email notifications to stakeholders whenever an issue is raised or an existing one is updated. It provides timely escalation to the concerned authority.

**Responsibilities:**

* Designed component model for delivery packages of Data Extractors and work performer using UML profiles in Rational Software Architect.
* For design and development of application we have used many design patterns like singleton, MVC, DAO, Front Controller, View Helper, Session Facade etc.
* Handled the tree structure of the module and support other modules for the same.
* Discuss Test Cases and Test Plans prepare Test Data for Software Testers.
* Designed / Developed Complex Use Cases and Reusable Components.
* Conducting code reviews and evolving standards.
* Responsible for develop the critical use cases.
* Performance optimization of Business critical use cases.
* Understanding of High level and Low level design document.
* Created JSP for user interface.
* Developed Servlets, JSPs and Entity Classes.
* Did Client side validation using JavaScript.
* Used **GWT-RPC** for browser / web-server communication.
* Used **GWT** optimizations for reduced build times and efficient memory usage for faster development times.
* Implemented Value Object design patterns for data transfer from server side to the client end.
* Implemented Data Access Object pattern for database processing using SQL.
* Developed and Implemented templates and common classes for the project.
* Use Case and Sequence diagrams were developed to demonstrate the behavior of objects in each use case by describing the objects and the messages they pass.
* Developed User Interface designs for the presentation layer, following the J2EE Patterns according to the business analyst designs and requirement documents.
* Was responsible for coding server side programs in EJB, Servlets and JSP and deployed on Application server.
* Created and edited the deployment descriptor and Web deployment descriptor.
* Created database views for the data extractors in DB2.
* Client interaction while knowledge transition of the delivery packages.
* Executed unit test cases, including JUnit JTest scripts and records results.

**Environment**: Core Java, J2EE,JSP,EJB Websphere Application server, DB2, Windows XP, Rational Clear Case, Clear Quest,Rational Software Architect, Hibernate, spring,GWT, XML, XSLT ANT, and Maven.