**SAI REDDY**

**Sr. Software Developer**

**PROFESSIONAL SUMMERY**

* Around **6** years of professional experience in software design and **Core Java/J2EE** development related to **finance**, **e-commerce** and **telecommunication** industry with solid understanding of **Object Oriented Design** Methodology.
* Good knowledge of Software Development Life Cycle (**SDLC**).
* Experience in complete **SDLC** like Analysis, Design, Development, Testing, Implementation and Maintenance
* Experience in developing Enterprise and Web applications with emphasis on Object Oriented Programming.
* Extensive knowledge in **OOAD** concepts of **Use Cases, Activity diagrams, Sequence diagrams and class diagrams using UML**. Worked on IBM Rational Rose.
* Excellent in **front-end** **UI** design implementations by writing **HTML5/HTML, CSS3/CSS, Bootstrap, JavaScript, jQuery** to make better **Single Page Application SPA** working on **Node.JS** **Server**.
* Extensive experience of **OOAD, OOPS, Design Patterns, MVC Frameworks, Multi-tier** and **distributed architectures** in developing web-based and client-server application.
* Extensive use of **HTML, JSTL, JSP** and **JQuery** for the presentation layer along with **Java Script** for client side validation.
* Developed **Restful Services** using **Node.JS**, **Express** and **mongoose** frameworks.
* Extensive experience in **Open Source** Java frameworks are **Spring** **3.0 Dependency Injection, Spring MVC, Hibernate 3.x** and **Struts2.0 frameworks.**
* Experienced with server technology, **Node.JS.**
* Experience in working with **SOAP** and **Restful** Web Services.
* Experience in working with **SOAPUI**.
* Implemented responsive web design using **media queries** and **bootstrap**.
* Experience in working with the **NoSQL** Databases **MongoDB**
* Strong in writing SQL queries in **PL/SQL** and **T-SQL, triggers, stored procedures** in Relational Database Management Systems like **Oracle**, **MySQL**, **DB2, Sybase** and **Microsoft SQL Server**.
* Experience in major web application servers like **Apache Tomcat, JBoss and Express Node.JS.**
* Well versed in using Software development methodologies like **Rational Unified Process (RUP)**, **Rapid Application Development (RAD),** **Agile Methodology** and **Scrum** software development processes.
* Involved in writing **test cases** concepts and working knowledge of **JUnit**.
* Hands on experience in using various version control systems like **SVN, CVS, IBM Clear Case** and **Git.**
* Hands on experience with build tools like **ANT**, **Maven** and logging tools like **Log4J**.
* Committed to timely and quality work, Quick learner, able to adapt effortlessly to new technologies, ability to work within a team as well as cross-team.
* Highly motivated and a self-starter with effective communication and organizational skills, combined with attention to detail and business process improvements.

**TECHNICAL SKILLS**

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| **Language** | **Java, C#,C,C++, Python** |
| **Java EE Technologies** | **JSP, Servlets, JNDI, JDBC, RMI, JPA, JMS,** |
| **Java EE Frameworks** | **Jakarta Struts, Spring, Hibernate, JSF** |
| **Application Servers** | **WebLogic** |
| **Web Servers** | **Apache-Tomcat, JBOSS** |
| **Web Technologies** | **AngularJS, Node.js EXPRESS, jQuery UI, Ajax, HTML/HTML5, CSS/CSS3, RESTful Service, Socket.io, JavaScript, jQuery, Bootstrap, JSON** |
| **XML Technologies** | **XML,DOM** |
| **Database** | **Oracle 10g/11g, PL/SQL, MongoDB, MySQL, MS SQL Server 2012** |
| **Build Tool** | **Ant, Maven** |
| **Web Services** | **RESTful, SOAP** |
| **Testing** | **Junit** |
| **IDE Tools** | **Eclipse, NetBeans, JBoss Developer Studio, IBM Rational Rose** |
| **Tools** | **Sublime, Atom, Postman, Visual Paradigm** |
| **Version Control** | **SVN, CVS, Git** |
| **Operating Systems** | **Windows 7/8/10, Vista, UNIX, Linux, Ubuntu, Mac OS X** |

**EXPERIENCE** 

**Client: Fidelity Investments, Boston, MA Duration**: Nov 2015 – Till Date

**Role**: Sr. Software Developer (Java/J2EE)

**Project**: Online Product Approval

**Description:**

Online Product Approval (OPA) is a collaborative, web-enabled B2B application that manages the approval process of new products for Fidelity Consumer Products (FCP) Global Lines of Business. Licensees and Fidelity contact, communicate and collaborate to advance an item through the Product Approval lifecycle. OPA allows global licensees/retailers to collaborate with Fidelity in developing a Fidelity consumer product throughout the world.

**Roles and Responsibilities:**

* Participated in **Agile** Development Team, and having daily **SCRUM** meeting for progress reporting as well as task distributing.
* Interacted with Business users and Business Analyst to gather requirements.
* Involved in the analysis and design of the application using **UML** with Rational Rose.
* Created the **Node.js EXPRESS** Server combined with **Socket.io** to build **MVC** framework from front-end side **AngularJS** to back-end **MongoDB**, in order to provide broadcast service as well as chatting service.
* Involved in the development of presentation layer and GUI responsive development using **JSP**, **HTML5**, **CSS/CSS3**, and **Bootstrap** used Client Side validations were done using **AngularJS**, **XSLT** and **JQuery.**
* Developed the content stocking App using **MongoDB** and **jQuery**.
* Used Mongoose API in order to access the MongoDB from Node.JS
* Configured the **xml** files for Open Source **Spring 3 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.
* Responsible for designing the User Interface using **HTML5, CSS3, AngularJS, Bootstrap** tobuildthis **SPA Single Page Application.**
* Customized **CSS** files by adding new **CSS3** features like media queries to ensure responsive design for our web pages.
* 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, directives, services, and route providers. Also used Angular.js filter to make the data searchable and sortable.
* Used **JSON** as response type in **REST** services.
* Involved in defensive coding against **SQL** **injection**, XSS, Phishing by adding extensive validation code for all user inputs by writing JavaScript Regex Regular Expression for email validation and credit card number validation, **jQuery** code combined with **AngularJS** ng-pristine/dirty for input validations.
* Developed **JavaScript** code to feed data-tables of Google Charts API with data, then draw charts with animation effect.
* Involved in writing, test cases and overall Unit testing of the system.
* Used **POSTMAN** client for testing developed Web services and written **JUnit** class for testing API layer and Service Layer.

**Environment**: JDK 1.7, J2EE, Node.JS, MongoDB, Spring 3.0, Hibernate 3.2, Hibernate Annotation, MySQL, Spring Security, REST, Web Service, JSP, JUnit, JSTL, JPA, Servlet, Java Mail, HTML5/HTML, CSS3/CSS, JavaScript, jQuery, jQuery UI, Angular.JS, Ajax, Bootstrap, JSON, XML, Tomcat, JBoss, log4J, Subversion SVN , JIRA, SCRUM, Eclipse

**Client**: FedEx Services, Collierville, TN **Duration**: Dec 2014 – Nov 2015

**Role**: Sr. Software Developer (Java/J2EE)

**Project:** Material Gate Pass Application

**Description:**

Developed application software for recording details pertaining to returnable and non-returnable moving in and out of security gates of the organization. The system also generates ledger and journal report on pending returnable materials. System enables users to perform all basic CRUD operations (Create, update and delete). This will obtain the approval from the authorized signatory.

**Role and Requirements:**

* Involved in use case **design**, functional documentation and technical documentation.
* Involved in complete software development life cycle(**SDLC**) with **object oriented** approach of clients business
* Process and continuous client feedback. Worked on designing and developing a complete service
* Involved in design and Drawing **UML** diagrams such as use cases, sequence diagram.
* Involved in the design of user interface and business layers.
* Developed web services to generate and attached contract documents.
* Developed user interfaces using **JSP** and form beans with **JavaScript** to reduce round trips to the server.
* Developed all the UI pages using **AngularJS, HTML5, XUL, XHTML, DOM, CSS, JSON, JavaScript, jQuery, Ajax, Bootstrap.**
* By using **Core** **Java** Concepts like **Collections**, **Multithreading, Exception Handling, Generics, Enumeration, and Java I/O** to fulfill the implementation of business logic.
* Involved in development of controller component using **Servlets** and view component using **JSP**,
* Worked on **Spring-DAO** based declarative transaction management.
* Implemented **Hibernate** and **Struts** framework.
* Worked with Functional and Class based components in **React**, Handling user events for building user Interfaces.
* Involved on the back end application to modify business logic by making enhancements.
* Involved in publishing the web services to help users interacting with **RESTful** web services.
* Involved in the migration of independent parts of the system to use persistence technology such as **JDBC**.
* Wrote database queries using **SQL** and **PL/SQL** for accessing, manipulating and updating **Oracle** database.
* Developed Controller Servlets and Used **JavaScript** for client validations.
* Created action classes in **Struts** and Developing managers classes using **Hibernate**
* Testing and debugging of the application.
* Used **Maven** for dependencies and configuration management.
* Involved in the debugging and troubleshooting related to production and environment issues
* Used SVN as configuration management tool for code versioning and release
* Implemented **log4j** for logging purposes and debug the application

**Environment:** Java, JSP, Servlets, Spring, Hibernate, Struts, Oracle, HTML, JavaScript, XML, CVS, JUnit, Maven, XSLT, Tomcat, Eclipse, Ant, JDBC, RESTful, AJAX, jQuery.

**Client**: Kohl's, Millville, NJ (Offshore, India) **Duration**: Jan 2013 – Dec 2014

**Role**: Software Developer

**Project**: Product Management System

**Description:**

The project is about developing the pre-existing SDF framework and exposed multiple web services where procurement/order delivery /shipping related details and will further parsing and persisting the response to the database will help to track the delivery, shipping, payment related information.

**Role and Requirements:**

* Developed a web based application using **Java**, **JSP**, **Servlets**, **HTML** with **SDLC** (Software Development Life Cycle) model.
* Used **JSP and HTML** for creating user interface. Used **JavaScript** for client side validation.
* Functionalities include writing code in **HTML**, **CSS**, **JavaScript**, **JQuery**, **Ajax**, **JSON**, **AngularJS**, and **Bootstrap** with **DB2** database as the backend.
* Implemented **SQL** queries to retrieve and insert data from/into the database using **DB2**.
* Involved in Code Review and in Unit testing using **JUnit** and Integration testing of the application.
* Used **CVS** as version control system, to keep track of all the work and changes to allow several developers to collaborate. Deployed the web application on **Apache Tomcat** application server.
* Used **Eclipse IDE** to develop an application.
* Developed Maven scripts for the build and deployment of J2EE components in application server.

**Environment:** Core Java, J2EE, JSP, Struts, Hibernate, JMS, SQL,JNDI, HTML, XML, DOM, SAX, ANT, Rationale Rose, JUnit, JBoss Application Server, LOG4J, DB2, Bootstrap.

**Client**: CMS Info Systems Pvt. Ltd, Hyderabad, India **Duration:** Dec 2010 – Dec 2012 **Role**: Software Engineer

**Project**: Network Management System

**Description:**

The Network Management System provides an optimized technician user interface, as well as automate the distribution and prioritization of work to the network technicians in the field. Network Operations will maximize technician efficiency by providing access to the required application through one web application.

**Roles and Responsibilities:**

* Prepared Class diagrams, sequence diagrams and detailed design documents utilizing **Visual Paradigm.**
* Developed Java Server Page (**JSP**) to display data such as candidates attending interview and candidates info such as resume by invoking reusable Java beans.
* Designed User Screens using **HTML** with **Java Script** for client side validations. The data is available on **MySQL** Database, which is back end for the recruitment management data storage
* Established connectivity to **MySQL** database using **Servlets**
* Deployed Application in **WebLogic** Server
* Developed **ANT** scripts to build Java applications

**Environment**: JDK 1.6, J2EE, Rational Rose, SQL,JMS, EJB, JSP, WebLogic, Apache Tomcat, XML parsers, XSL, HTML, CSS, JavaScript, ANT, JUnit, Windows 2007, Eclipse.

**EDUCATION**

Bachelor of Technology in Information Technology from JNTUH, INDIA.