**Balaji Marripudi**

**UI/Web developer**

**Email:** [**srimarripudi99@gmail.com**](mailto:srimarripudi99@gmail.com)

**Phone: +1 (732) 301-4979**

**Proffesional Summary :**

* A Result Oriented Professional with 8 Years of work experience in Developing User Interface (UI) Rich Web Applications, and Web Service Applications using Object Oriented JavaScript, JavaScript &UI Libraries/Frameworks.
* Proficient in AngularJS, Websockets, JQuery, KnockoutJS, BackboneJS, JSON, JSONP, Twitter Bootstrap, Modernizer JS, Keynote, ReactJS, HTML, XHTML, XSLT, Ajax, CSS3, CSS Frameworks, SASS, CSS Sprite, Jasmine Unit Test Framework.
* Expertise in Developing Responsive Design, REST Service Application with Reusable Code and High Quality & Performance using suitable Front End Technologies.
* Responsible for on boarding Application teams to build and deploy their code using GitHub, Jenkins and Ansible.
* Following Test-Driven Development (TDD) programming technique to write clean code and test the functionalities.
* Experience in Prototyping – Built entire Intranet portal in Axure environment.
* Excellent and impressive hands on creating wireframes using MS visio and Adobe In Design.
* Experience in creating user interface widgets using JQuery.
* Experience with Backbone JavaScript library with a RESTful JSON interface.
* Experience in developing event driven applications using AJAX, JSON and XML.
* Excellent experience in RWD (Responsive Web Design).
* Analyze user interface problems and create on-brand design solutions that meet measurable business goals and requirements.
* Use metrics and research to inform design/UX optimization efforts.
* An experienced troubleshooter and tester in JavaScript code behind depending on the type of bug and solution that was presented. Heavy use of Jasmine,Karma Unit Testing and JSFiddle and Firebug.
* Experience working in Databases like Oracle 9i/10g/11g, DB2, Postgre SQL, MS SQL Server 2000, MySQL.
* Experienced in Agile, Scrum and Waterfall software development methodologies.
* Experience in working with Apache and IIS web servers.
* Experience with User Acceptance Testing (UAT) and Accessibility Testing.

**Education:**

Bachelors in Electronics and Communication Engineering from JNTU, India.

**Technical Skills:**

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| **Web Technologies** | HTML/HTML5, CSS2/CSS3, DHTML, XML, XHTML, XSLT, JavaScript, AJAX, JQuery, JSON, React JS, AngularJS, BackboneJS, Bootstrap, Node JS |
| **Backend Technology** | Java, J2EE, Hibernate, |
| **JavaScript Libraries** | JQuery, Backbone JS , Angular JS, Ember.JS , UnderscoreJS, loDash |
| **Servers Technology** | Apache Tomcat, Oracle Web Logic, IBM Web sphere, JBOSS, Glassfish and IIS |
| **Version Control** | GIT, CVS, and SVN and GIT |
| **IDE & Tools** | Eclipse, NetBeans, Brackets, Aptana Studio, Notepad++, SublimeText, WebStorm, PHPStorm |
| **Debugging Tools** | Firebug, Chrome Developer toolbar, IE Developer Toolbar. |
| **Operating System** | Windows 98/2000/XP/Vista/7/8, MAC OS X, Unix, Linux. |
| **Database** | PL/SQL(oracle), MySQL, MSSQL, MongoDB |

**Projects Experienced**:

**The Vanguard Group, Malvern, PA Oct 2016 - Till Date**

**UI Developer**

**Responsibilities:**

* Developed frontend along with pages for user interactions for the entire website using HTML5,

CSS3, and JavaScript.

* Involved in designing and developing, coding the Templates.
* Used AJAX, JSON to send request to the server to check the functionality of the website.
* Built Web pages that are more user-interactive using jQuery plug-in for Drag and Drop, jQuery

Validator, AutoComplete, AJAX, JSON, AngularJS , and Bootstrap

* Used EXTJS UI components to implement various functionalities, Coded for Various windows,

panels, forms and tree components, adding custom event on components and implementing

their listeners for operation to be performed.

* Developed web Application using HTML5/CSS, JavaScript, AngularJS, jQuery, Bootstrap, Dojo
* Written code to implement AJAX based applications be fetching the response from backend
* API as a part of JSON.
* Used GitHub UI, Git bash to commit, changes to the repository for maintaining various versions of the agile process.
* Implemented Services and Dependency Injection in Angular 6 & 5 to connect the web application to back-end APIs and for sharing the code between the components.
* Used CSS Sprites to decrease the number of HTTP requests and load time of web pages.
* Worked with the team of architects and backend developers to gather requirements and

enhance the application functionality and add new features.

* Created Graphical User Interface (GUI) and applied it to website.
* Created interface to manage user menu and Bulk update of Attributes using JavaScript, EXTJS

and JQUERY.

* Involved in the development of presentation layer and GUI framework using EXT JS and HTML.

Client Side validations were done using JavaScript.

* Used Apache CXF as the Web Services framework to implement the REST APIs involved.
* Focused on Test Driven Development thereby creating detailed Junit tests for every single piece of functionality before writing the functionality.
* Developed additional UI Components using JSF and implemented an asynchronous, AJAX

(JQuery) based rich client to improve customer experience.

* Developed the base framework using Java, JSP, Struts, HTML5, JavaScript, AJAX, Log4J, Oracle and MS SQL Server.
* Knowledge in CSS preprocessors SASS and LESS and in executing test cases in DEV/QC/UAT environments.
* Configured typescript application through tsconfig file for various purposes like Trans piling, debugging, tracing, generating separate folder for distributable etc.
* Created test plans and JUnit test cases and test suite for testing the application.
* JBOSS Server Installation and Administration on Windows NT.

**Environmen**t: HTML/HTML5,Java, AngularJS, JavaScript, AJAX,EXTJS, HTML5, CSS3, JSON, Angular 6/5, Bootstrap, Apache, Tomcat Server, Restful web services , SASS, LESS, Dojo, Typescript, GIT, JSP, JSF, TDD, JSON, CXF, Struts, and Scaled-Agile Methodologies.

**Walmart, Bentonville, AR Jun 15 – Oct 16**

**UI/UX Designer & Developer**

**Responsibilities:**

* Gathered and analyzed the requirements and converted them into User Requirement Specifications and Functional Requirement Specifications for the designers and developer to understand them as per their perspective.
* Designed business applications using web technologies like HTML4/5, XHTML, and CSS2/3 based on the W3C standards.
* Redesign and maintain existing internal web application utilizing HTML5, CSS3, JavaScript, JQUERY, Angular.JS, and D3 JavaScript.
* Wrote several AngularJS controllers, directives and services across the app.
* Also involved in unit testing (TDD) and end to end testing (BDD) using tools like karma, Jasmine and Protractor.
* Worked on tools like Eclipse and GIT repositories and Installed and configured GIT and synced with multiple GIT-Hub repositories.
* Designed and implementing Web2.0 Rich UI for the Self-service Application using JQuery Ajax framework and Widget based JavaScript programmed model.
* Involved in development of application by implementing MVC Architecture by integrating Hibernate and Spring frameworks.
* Worked on Development of Hibernate including mapping files, configuration file and DAO implementation class (Business Component).
* Extensively used CSS3 and Bootstrap for styling the HTML5 elements.
* Developed the administrative UI using AngularJS
* Designed Frontend with in object oriented JavaScript Framework.
* Maintained Cross Browser compatibility & implement Responsive Design using Twitter Bootstrap, custom media queries, etc.
* Developed the custom data grids upon jQuery Framework to deliver the business data.
* Developed HTML prototypes and UI deliverables, such as wireframes, screen mock-ups, and interface design.
* Worked with Angular 5 Forms, Validations, Modules, Factory Services, DOM, Events, Expressions, Directives, Controllers, filters, Http Request.
* Implemented Angular5 Controllers to maintain each view data. Implemented Angular Service calls using Angular Factory.
* Highly used Angular 5 router to build single page application for navigation through the different status and multiple modals.
* Created Dynamic web pages using forms, filters, expressions and data binding. Used Web pack to build Typescript modules.
* Worked upon the dashboard for the project which contained a variety of charts and components using jQuery-UILibrary.
* Designed and developed User Interface Web Forms using Flash, CSS, Adobe and JavaScript.
* Designed DOM based interactive to reprogram selected links and adopted WCAG 2.0 standards for HTML and XHTML and W3C standards for CSS as well.
* Developed the UI with extensive use of JavaScript, JSON and Ajax.
* Debug the application using Firebug to traverse the documents and manipulated the Nodes using DOM and DOM Functions.
* Designed, developed and updated User UI Web Forms using CSS, Dreamweaver and JavaScript.
* Used AJAX framework for asynchronous data transfer between the browser and the server.
* Implemented user interface guidelines and standards throughout the development and maintenance of the website using DHTML, HTML, CSS, JavaScript and jQuery.
* Used Java Mailing or Messaging Service (JMS) for mailing detailed notifications depending upon the success and failure once the backend process is complete and also for mailing administrator of any system related problems.
* Build the application using TDD (Test Driven Development) approach.
* Used Oracle as database and Involved in the development of PL/SQL backend implementation and using SQL created Select, Update and Delete statements.
* Used Tortoise SVN tool, a Subversion client for windows for source/version/revision control.
* Involved in JavaScript coding for validations, and passing attributes from one screen to another.
* Created Mock-up designs and developed various functionalities with JavaScript and jQuery.
* Written Ajax driven JSON consuming JavaScript functions to save User selections such as radio button, drop-down menu selections into a cookie.

**Environment**: HTML5, CSS3, JavaScript, jQuery, AJAX JSON, AngularJS, Bootstrap, Dreamweaver, Responsive design, Grunt, Bower, Node.js, NPM, Eclipse, GIT, Typescript, UML, Spring, Hibernate, JMS, Oracle 11g, MS Office, WebLogic, SQL.

**US Steel, Pittsburgh, PA Oct 14 – May 15**

**UI Developer**

**Responsibilities:**

* Understanding functional specifications, designing, and creating custom solutions to match the requirements.
* Designed, developed and validated the front end using HTML, CSS, jQuery and JSP for reusable web interface components including the open source Display Tag libraries.
* Designed the Architecture of the project as per Spring 3.0 MVC Frame work.
* Implemented Spring IoC (Dependency Injection) and Spring Aspect Oriented Programming (AOP) for the Business as well as Lookup Service Layer development.
* Designed and developed a ‘Convention Based Coding’ utilizing Hibernates persistence framework and O-R mapping capability to enable dynamic fetching and displaying of various table data with custom filter, group and sorting along with exporting capabilities.
* Designed and developed the Validators, Controller Classes and Java bean components.
* Designed and developed hibernate configuration and session-per-request design pattern for making database connectivity and accessing the session for database transactions respectively.
* Participated in the design and development of database schema and Entity-Relationship diagrams of the backend MySQL and Oracle database tables for the application.
* Developed java program to extract data from the backend database (MS SQL Server) and
* imported the data using b formats and in turn generate quality custom Jasper reports in MSExcel, PDF and CSV formats.
* Designed and Developed Stored Procedures, Triggers in Oracle to cater the needs for the entire application.
* Developed complex SQL queries for extracting data from the database.
* Written PL SQL scripts for daily system performance and health check.
* Involved in developing Integration Issues, System Testing Issues, User Acceptance Issues and Production Issues including JUnit.

**Environment**: JDK, JSP, HTML 5, JavaScript,, Servlets, Spring 3.0, Hibernate, SQL Server 2005, Eclipse, SQL, PL/SQL, Log4j, CVS, Web logic, JSON, CSS, XML and UNIX.

**RCWilley, Salt Lake City, UT Apr 13 to Sep 14**

**UI Developer**

**Responsibilities:**

* Transform the website features from jQuery domain to AngularJS domain as the latter is faster and easier to implement.
* Developed AngularJS functionality in the application to provide two-way binding to the system.
* Integrated the model and view part using Model View View Models (MVVM).
* Extensive experience using Ember, KnockoutJS, BackboneJS, D3JS, ReactJS, Bootstrap, KendoUI and Node.js for layout.
* Worked on GWT Java-Java Script compile JRE emulation library, RPC mechanism, HTML canvas support and GWT Mobile applications.
* Worked extensively on information design, interactive data visualization, infographic data science techniques and inferential statistics in D3JS.
* Used customized services and directives in AngularJS to develop dynamic and responsive webpages.
* Worked on GWT widgets like Datepicker, Togglebutton, Suggestbox and panels like PopupPanel, FlowPanel, and SplitLayoutPanel.
* Built the template, pulled agent information from JSON object and rendered it onto the widget.
* Created Powerpoint presentations using Keynote for quarterly sales figures.
* Used JQuery plug-ins for Drag-and-Drop, Widgets, Menus, User Interface and Forms
* Involved in developing HTML and JavaScript/ECMAscript5 for client side presentation and, data validation within the forms.
* Maintained, enhanced, and recommended solutions that best suit business and technology needs from UI standpoint.
* Produced content pages with CSS3 layout and style markup presentations and also used OO JAVA and JavaScript methods and properties.
* Debug the application using Firebug to traverse the documents and manipulated the Nodes using DOM and DOM Functions.
* Involved in writing application level code to perform client side validation using JQUERY, JavaScript and Mean Stack.
* Also worked on Handlebars.js and Marionette.js frameworks.
* Created reusable templates and style sheets based on UI standards and guidelines, Performed functional tasks using specifications and wireframes.
* Successfully executed all the test cases and fixed any bugs/issues identified during the test cycles.
* Worked extensively on X- ray, a test comparative tool.
* Closely worked with business system analyst to understand the requirements to ensure that right set of UI modules been built.
* Participated in the team on agile development cycle.
* Coordinated with Interface Design Architects for meeting accessibility standards at code level.

**Environment**: HTML, CSS3/CSS, JavaScript, ECMAScript 5, JQuery, JSP, EJB, JSON, D3.js, DOM, Node.js, AngularJS, Bootstrap, JAWS, GIT, OO JAVA, SASS, MVC/MVVM, Adobe Fireworks, Photoshop, Dreamweaver, Illustrator, AJAX, XML, AEM, Eclipse, Internet Explorer, Firefox, Chrome, PL/SQL, Windows.

**Merck - Whitehouse Station, NJ                                            May 12-Apr 13**

**UI Developer**

**Responsibilities:**

* Participated in design discussions and user experience sessions to provide inputs on the layout.
* Developed custom web application interfaces using HTML and CSS3 to meet the requirements of the client.
* Responsible for design and development of the web pages.
* Developed GUI using JavaScript, HTML, XHTML, AJAX, CSS and JQuery in ongoing projects.
* Used JQuery to make the HTML and CSS code interact with the JavaScript functions to add dynamic data to the web pages on the client side.
* Analyze the response of JSON in order to update DOM.
* Developed an AngularJS workflow manager leveraging Angular-UI state router for flexible configuration and management of multi-step user input flows.
* Developed widgets using HTML, CSS, AJAX, jQuery Components and JavaScript.
* Implemented Ajax Frame works, jQuery tools examples like Auto Completer, Tab Module, and Calendar and Floating windows
* Wrote application level code to interact with the backend (Java) code AJAX and JSON via REST web services and APIs.
* Integrated with the back-end code (JSP) using JQUERY, JSON and AJAX to get and post the data to backend servers.
* Responsible to design the browser compatible pages using HTML, CSS3, JavaScript and JQuery.
* Developed CSS3 styles to maintain the uniformity of all the screens throughout the responsible for design and development of the web pages from mock- ups.
* Used tools such as firebug, web developer tools for debugging and correcting errors.

**Environment**: HTML, CSS3, JavaScript, JQuery, AngularJS, Eclipse, JSP, AJAX, JSON, SVN.

**Sprint-Nextel, Kansas City, KS Oct10 to May12**

**UI Developer**

**Responsibilities:**

* Developed div based UI as per the low fidelity wireframes provided.
* Attended Client calls in co-ordination with the business and management team right from day one.
* Huge Amount of JQuery works in the “Merge” and “Unmerge” functionality in the Admin Module.
* Created reusable components for “Content Management” Modules.
* Designed and developed UI from scratch for all the modules using JQuery, JavaScript, HTML, and CSS3.
* Developed responsive UI screens and checked it on all resolutions.
* Performed unit & integration testing of the features.
* Supported different environments whenever required during the release cycle.
* Fixed the defects reported on the Bugzilla the bug tracking system.
* Integrated and maintained the code using Microsoft TFS.

**Environment**: JQuery, JQuery UI, Java Script, CSS3, Responsive Web Design, Ajax, Microsoft Visual Studio, Adobe Dreamweaver.

**I Vision Solutions, India Jun 09 – sep10**

**UI/UX Developer**

**Responsibilities:**

* Worked in a group of 4 UI developers.
* Designed the front end applications, user interactive web pages in a professional manner with using web technologies like HTML, XHTML and CSS.
* Redesigned and implemented complete website to meet web and industry standards.
* Designed web pages using with HTML.
* Developed CSS page layouts, styles and table less coding for efficient design.
* Designed page – layouts using Dreamweaver and banner using Adobe Flash.

**Environment**: HTML, CSS, XHTML, Adobe Flash, Dreamweaver and Windows.