**Sai Reddy**

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**PROFESSIONAL SUMMARY**

* **Over 8**  years of experience as  **UI** developer in developing front end applications using **HTML5, CSS3, JavaScript, JSF, AJAX, JQuery, JSON, YUI, Handlebars.js** and **Angular JS, React JS, Ext JS, Node JS**, **, EJB,JSP, Servlets, JDBC P3 Javascript ,Require JS.**
* Extensive experience on modern front-end frameworks for JavaScript including **Bootstrap**, **JQuery, React JS, AngularJS, Ext JS and backbone JS**.
* Hands on experience in developing web pages quickly and effectively using **HTML5, CSS3**, **jQuery,** **Bootstrap** and experience in making web pages **cross browser compatible**
* Created Responsive Designs (Mobile/Tablet/Desktop) using HTML5 & CSS3
* Adapted **Model-View-Controller (MVC)** frameworks for developing web applications
* Experience in modular application structure using **P3 JavaScript framework** and **HTML/CSS.**
* Expertise in client scripting language and server scripting languages like **JavaScript, jQuery, JSON, DOJO, Bootstrap, Node.JS, AngularJS, HandlebarsJS.**
* Extensively used the JavaScript **frameworks jQuery**
* Developed rich web user interfaces with JSF, AJAX (Asynchronous Java Script & XML).
* Very good experience in **Document Object Model** (DOM)
* Experienced in using various IDEs like **Eclipse, Edit Plus, Sublime text, Notepad++, Atom,** and **Microsoft Visual.**
* Experience in all phase of SDLC like Requirement Analysis, Implementation and Maintenance, and extensive experience with **Agile** and **SCRUM**
* Experience in using the latest approaches including **MVVM** in the browser, event-driven applications using **AJAX, JavaScript**, **JQuery** and **JSON**
* Extensive experience in creating style guides, best practices and setting UI standards for enterprise/consumer applications using **Bootstrap**.
* Worked on modern browsers like **Mozilla Firefox**, **Google Chrome**, **Safari** and **IE**.
* Thorough understanding of **CSS** and CSS preprocessors (**LESS, SASS**) principles with a clear ideology for managing maintainable, scalable and cross-browser code
* Expertise in using **Grunt** to speed up the workflow of the project.
* Worked with GitHub for source code management
* Good experience with Form Validation by **Regular Expression**
* Good Knowledge, in web servers such as Apache Tomcat.
* Ability to write well-documented, well-commented, clear and maintainable efficient code for web development.
* Experience in all stages of testing namely **Functional testing, Performance testing, Integration testing, Regression testing and User Acceptance testing**

**Technical Skills:**

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| **Languages** | C, C++, Core Java.J2EE , |
| **Web technologies** | HTML 5, CSS3, JavaScript, AJAX, JQuery, XML, XHTML, DHTML,  JSON,BOOTSTRAP |
| **JavaScript Libraries** | JQuery, Angular JS, Node JS, React JS |
| **Debugging Tools** | Firebug, Chrome |
| **Database** | MySQL, MSSQL, Oracle |
| **Version Control** | SVN, GIT,CVS |
| **IDE & Tools** | Eclipse, Visual Studio, NetBeans, Sublime Text ,Notepad++ |
| **Framework** | Struts, Spring, MVC |
| **Operating System** | Windows XP/Vista/7/8, HP, Linux, Mac OS X |

**PROFESSIONAL EXPERIENCE**

**Client: Sabre Corp, WestLake, TX.**

**Oct 2015-Till Date**

**Role: UI Developer**

**Description:** Current project which I am working in Next Generation Voice Agent. It’s online Hotel Booking Platform. Agent can reserve a hotel and cancel hotels. It provides complete details about all hotels. Agent can select the hotel based on the amenities and term and conditions with respective hotels. It provides Multiple options for Agent to make a reservation depends upon the user.

**Responsibilities:-**

* Developed the UI layout and front-end programming for web application that matched requirements using hand written **HTML, CSS**and**JavaScript.**
* Designing and developing dynamic web pages using **JSP, HTML, CSS, LESS, SASS, JavaScript, jQuery, AngularJS** for **single page applications.**
* Coded extensively using JavaScript frameworks by implementing **MVC** architecture.
* Leveraged two way data binding through scope in applications built on **AngularJS**.
* Used **AngularJS** multiple in-built **directives** and APIs in AngularJS &Node.js such as **filters**, **root scope**, **child scope**, **modal**, **template**, **state** etc.
* Developed **custom** **directives** in **AngularJS** for the application independent components like sticky header for window or table, custom dropdowns, tables, checkboxes, radio buttons, notifications, chevrons, graphs, date pickers , pagination etc.
* Re-developed a **single page application** using **AngularJS** which was supported in IE 8, 9, 10, 11, Firefox, Chrome.
* Developed single page applications from start to finish to give it a new look using HTML5/CSS3/**AngularJS**
* Implemented **HTML5** feature like, local storage, data and required attributes and sliders.
* Implemented **CSS3** features like, multi-column layout, gradients. Used **CSS Sprites** to decrease the number of HTTP requests and load time of web pages.
* Implemented various Validation Controls for form validation and implemented custom validation controls with **JavaScript**and **jQuery**.
* Extensively used **Twitter Bootstrap** for creating **responsive web design** for varying screen sizes and devices.
* Brief experience on implementing the **Angular.js** and **MVC framework** for data access
* Developed components to fetch the data from the back end using **AJAX**and**jQuery**
* Used **AJAX**and **JSON** to make asynchronous calls to the project server to fetch data on the fly
* Analyze the response of **JSON**in order to update **DOM.**
* Applied JQuery scripts for basic animation and end user screen customization purposes.
* Handling **cross browser/platform compatibility** issues (IE, Firefox, and Safari) on both Windows and Mac
* Used **Underscore JS** to improve the performance and functionality of code**.**
* Used **Handlebar JS** to develop semantic template
* Used **JIRA** extensively for organizing issues, tracking the assigned work, and following team activity.
* Created Tomcat instances and modified each and removed shared component.

**Environment: -**HTML/HTML5, CSS/CSS3, JavaScript, Angular JS,P3 javascript, Usability Testing, Agile methodology, Eclipse and SVN, Tomcat, handlebar JS .

**Client: Delta Airlines, Eagan, MN**

**Jan 2014-Aug2015**

**Role: UI Developer**

**Description:** Delta Air Lines, Inc. is one of major players in the Airline industry. The major challenge for this would be customer support. As part of this support the project developed an online reservation system which enables users to book, cancel tickets and can also be used as a page for customer complaints and helps the operators work efficiently with customer requests.

**Responsibilities:**

* Design and develop Trust Verification Portal using latest technologies like **HTML5, CSS3, Angular JS, Bootstrap, JavaScript** and **JQuery**.
* Created reusable templates and style sheets based on UI standards and guidelines; Performed functional tasks using specifications and **wireframes**.
* Use **Angular JS** to implement MVC pattern
* Developed single page web application using JavaScript framework **Angular JS.**
* Use custom directives for code reuse across the application.
* Used Angular JS to decouple DOM manipulation from application logic
* Implementation of **Look up Tables** in which inline edit (**CRUD**) functionality of the data from Database rendered in **HTML** DOM is provided using **X-Editable** grid.
* Used **Grunt** for compiling LESS.
* Extensive use of **Alerts, Navs,Glyphicons, Grids, Panels, Buttons, Media Objects** and **Progress Bars** provided by **Twitter Bootstrap** framework.
* Hands on experience with **Object Oriented JavaScript** code and responsible for client side validations using **Angular Directives** and **JQuery** functions.
* Using **AJAX** to request **JSON** data through third party **REST APIs** to acquire products data from server and display it in sorted order
* Hands on experience with **Object Oriented JavaScript** code and responsible for client side validations using **Angular Directives** and **JQuery** functions.
* Resolved challenges which are trivial like multi browser support cross browser compatibility issues with layout and styles for all new **CSS** that was implemented.
* Developed user-friendly interface to seamlessly combine the new module with existing login system by using **Angular JS frameworks and JQuery**
* Packaged and deployed the application in **Tomcat Web server** in different environments like Development, testing etc.
* Further tasks include management of all **MySQL** database and all the required tables to store different survey information related to the site.

**Environment: HTML5, CSS3, JavaScript, JQuery, Bootstrap, Angular.js, Node.js, Backbone.JS Wireframes, LESS, Grunt, REST, DOJO, JSON, JSP, Eclipse, Junit, GitHub.**

**Client: Wex (Wright Express) Inc., Portland, ME** Aug12 – Nov13

**Role: UI/Web Developer**

**Project: Wex Online (Large Fleet) & Revolver (Small Fleet)**

Wright Express organizes the client’s data (transactions, history, benefits and rewards) through this web based portal named Revolver (Cash flow). WEX issues cards (similar to credit cards) to clients (Large fleet/ Small fleet) and organize their data through this portal. Data representation is carried out in a rich graphical interpretation using latest UI technologies.

**Functionalities:**

* Responsible for building a new website for the project ‘Revolver’ (Small fleet clients) and for the maintenance of ‘Wex Online New Platform’.
* Functionalities include writing code in **HTML, CSS, JavaScript, JQuery, JSP and** making using of Bootstrap framework and testing the functionalities using JUnit.
* Worked with the team, helping them build out their markup and **CSS.** My Specialty is large scale **CSS (Sass),** focusing on reusability and modularity.
* Web application development for backend using **Angular JS** with cutting edge **HTML5 and CSS3** techniques
* Familiar with concepts of Directives, Data-Binding and Dependency Injection in **Angular JS**.
* Worked extensively on web 2.0 migration from Conventional web Frame work to **Ajax** driven framework and extensively used **jQuery**, Dojo, **YUI**, **AJAX** and **MVC** in Presentation Layer.
* Extensive use of **Twitter Bootstrap framework** to achieve **RWD,** i.e., make the portal compatible for various screen resolutions which are trending in the market today.
* Developed **Object Oriented JavaScript** code and responsible for client side validations using JQuery.
* Involved in upgradation and maintenance of Wex Online to the new layout using the Grid orientation model **Bootstrap** framework.
* Extensive usage of **BOOTSTRAP** and **LESS** CSS for Responsive design.
* Brought the **HTML and CSS** of an existing web site ‘Wex Online’ up to web standards.
* Created a **CSS** framework for using a 12 column grid preferred by the designers as well as implementing parts of **CSS** to cut down on repetitive code.
* Implemented **JavaScript** module patterns using asynchronous script loading.
* Involved in Writing **jQuery** based **Ajax** Requests using **jQuery** get (url, data, callback, type) or **jQuery. Ajax** (options) & **jQuery. Post** (url, data, callback, type) **& jQuery. Get** (url, data, callback, type
* Worked on ANGULAR JS and Node JS issues and fix the bugs pertaining to various browsers
* Worked through cross browser compatibility issues with existing styles and new **CSS** that was implemented.
* Tested cross browser functionality and fixed major layout bugs for supported browsers which includes **IE6**.

**Environment: HTML5/HTML, CSS3/CSS, SASS, Less, JavaScript, JQuery, Bootstrap, Angular JS, Node JS, AJAX, JSON, Apache Tomcat, Eclipse, Junit, Oracle, SVN, GitHub.**

**Client: IntelliVoyage, VA**

**Oct10 – June12**

**UI/Web/Java Developer**

**Project: Travel Management**

Intellivoyage is a Travel plan management firm which has extensive number of customers. Their goal is to provide the best and efficient route to destination with cost and time into consideration. As a UI Developer at Intellivoyage, we made the user friendly and appealing website which handles multiple requests from customers who are willing to plan their trip in an efficient way. The transaction made by them, planning, booking, cancelling, re-routing and Assistance is handled through this web app. Transactional Security is considered as highest priority.

**Functionalities:**

* Involved in all phases of UI/UX implementation of a Travel Search and Booking web application including Design, Prototyping, Development and Testing phases.
* Rewrote and maintained the internal library and built a structured MVC /MVVM framework by redesigning the front- end UI components.
* Functionalities include writing code in **HTML, CSS, JavaScript, JQuery, Ajax, JSON, Angular.js, and Bootstrap with MySQL database as the backend.**
* Built html templates for high traffic and complex data driven website.
* Debugged all look and feel issues in the target browsers, in conjunction with quality assurance.
* Implemented **JavaScript** source code and embedded nested event handling logic using **JQuery** event handlers and call back functions.
* Used Selectors in **JQuery** for updating content on **DOM** nodes.
* Experienced on implementing Rich Internet Applications i.e., RIAs using **JavaScript, JQuery, AJAX calls and JSON** data from the server.
* Programmed standards complaint **HTML5 and CSS3** working with **JQuery** modules and JavaScript libraries.
* Worked through cross browser compatibility issues with layout and styles for all new **CSS**.
* Tested cross browser functionality and fixed major layout bugs for supported browsers including **IE8+**.
* Made changes to various **CSS** properties to enhance the UI as per client requirements.
* Used JDBC as DAO classes to perform all the database operations like fetching and inserting the required data to Data Base.

**Environment: HTML5/HTML, CSS3/CSS, SASS, LESS, JavaScript, JQuery, Bootstrap, MVC Framework, Angular JS, YUI, XML, J2EE, JSP, , Apache Tomcat, Groovy, Eclipse, MySQL, SVN, GitHub.**

**Client: Erie Insurance, PA.**

**Aug09 –Sep10**

**Web/UI Developer**

**Project: ESS Insurance Benefits**

**Functionalities:**

* Worked as a programmer, assisting my team in developing two different Web-based applications for an Insurance and Travel clients.
* Built Rich Prototypes and Applications using **HTML5, CSS3, JavaScript, JQuery, Ajax, JSON, Backbone.js and Bootstrap with MySQL database.**
* Developed Object Oriented JavaScript code and responsible for client side validations using JQuery functions.
* Developed source code to consume **JSON** response through **XHR/AJAX** calls using JQuery. Ajax () calls.
* Coding, styling, testing of reusable JavaScript, **CSS3, HTML5 widgets** / libraries for **complex UI controls.**
* Developed callback functions to parse and handle **JSON** data returned from the server.
* Implemented JQuery frontend for Insurance policy display for employees using JQuery.
* Facilitated User Testing sessions to solicit feedback on prototypes.
* Implemented JavaScript module patterns using asynchronous script loading.
* Worked through cross browser compatibility issues with layout and new CSS styles were implemented.
* Tested cross browser functionality and fixed major layout bugs for supported browsers
* Made enhancements to existing CSS and DIV tags using box model.
* Involved in **Agile/SCRUM** based approach to UI Development.

**Environment: HTML5/HTML, CSS3/CSS, SASS, JavaScript, JQuery, Bootstrap, Backbone JS, XML, AJAX, MVC Framework, YUI Library, Apache Tomcat, Notepad++, Sublime, MySQL, Tortoise SVN.**

**OASIS, Hyderabad, India.**

**May07-July 2009**

**Role: UI Developer**

**Description**: Oasis software developed a project called 'Medicare Systems' and this product currently being used by the hospital personnel for handling patients, moving stock across different stores in the hospital. It has features like module restriction based on user group, automatic user logoff, and restricted user logon

on more than one node. It also includes various modules like Registration, Billing, and Pharmacy and Nursing desk

**Responsibilities**:

* Worked with a team of front end developers to build UI design concepts and prototypes.
* Extensively worked with the design implementation phase.
* Heavily interacted with the end users and stake holders for design validation.
* Evaluated, analyzed, and tested web interface to understand and enhance the overall usability of the designs.
* Constructed presentation layer implementation using **DHTML, XML, CSS, JavaScript**
* Cross-browser compatible, standards compliant table-less websites in XHTML, CSS2 and JavaScript
* Cross browser compatibility (Firefox / IE / Safari).
* Unit testing and AJAX training.
* Used Applets for creating window screens.
* Used JDK 1.7 features like Exception-Handling, Threading, Collections to build the application at server -side.
* **Environment: HTML, CSS, JAVASCRIPT, AJAX, DHTML, Eclipse IDE, SQL Stored Procedures, MySQL.**

**EDUCATION: GITAM College of Engineering,**

**Visakhapatnam, AP, INDIA-530045.**