**RAJASHEKAR REDDY M**

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**Summary:**

* 4+ years of Web development experience specially in User Interface applications and integration of highly transactional and scalable applications using **Object Oriented Analysis and Design (OOA/OOD)** principals.
* Experience in Client/User interactions in gathering the user requirements.
* Proficiency in the Entire Software Development Life Cycle (SDLC) concretely **Agile** Methodologies, **Scrum** team structure for Development process, and Waterfall model.
* Very Strong in developing applications using **HTML, HTML5, CSS, CSS3, DOM** Manipulation, **JavaScript, jQuery, AJAX, JSON** and **AngularJS, Angular2/4, Node.js, Grunt, Gulp, Bower**.
* Experienced in using Front End editors like **WebStorm, NetBeans, Visual studio, Sublime, Eclipse, Dreamweaver.**
* Extensive experience in developing professional User Interactive (UI) of Web applications with the help of **HTML5**, **Bootstrap, JavaScript, RWD (Responsive Web Design), jQuery, CSS,** Consuming **RESTful** web API layer that generates **JSON** data to populate **DOM** of the Web Application.
* Having good knowledge of latest version of **Object Oriented JavaScript** along with good understanding of design pattern like **MVC** architecture and building responsive web applications using **CSS3 Media Queries, Bootstrap**, **AngularJS and Angular 2/4.**
* Proficient in JavaScript Frameworks like **AngularJS**, **Angular 2/4** to develop responsive **Single Page Application (SPA)** and Dynamic Web Applications using **MVC** Architecture and created POC's and initial integration for **Angular 2/4**.
* Experience with Form Validation by Regular Expression and **jQuery** plugins, **Reactive** Forms, and Template Driven Forms.
* Strong experience with **jQuery, jQuery plugins (Validator, Drag and Drop, AutoComplete), AJAX, Dynamic HTML (DHTML) and JSON.**
* Expertise in version control systems like **GIT** and **SVN** to manage and control software development with **GitHub** and **Bitbucket** and project management tools like **JIRA** and **Rally**.
* Experience in **TDD** (Test Driven Development) and used **Jasmine** as testing framework and used **Karma** as a test runner.
* Experience working with debugging tools like **Firebug, Firebug Lite, Chrome Developer Tools, and Web Inspector**.
* Deep understanding of Databases such as **MongoDB, SQL Server, MySQL and Oracle** along with Relational Database Management System (RDBMS) and hands on experience in Database Analysis, Architecture, Design and Development using **MS SQL Server** and **Oracle**.
* Extensive experience in working over Web Services with **WSDL, SOAP, RESTful**.
* Experience in efficiency-improving languages like **CSS3 preprocessors SASS** and **LESS** to archive writing reusable, maintainable and extensible codes in **CSS**.
* Understanding of **W3C** standards, accessibility, usability.
* Used **NPM** and Bower as Web-tools for successfully implementing the dependencies.

**EDUCATION:**

**University of Central Missouri, Warrensburg, USA**

Masters in Computer Science **-**  (GPA – 3.7/4.0)

**TECHNICAL SKILLS:**

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| **Operating Systems** | **Windows XP/7/8/10, UNIX** |
| **Programming Languages** | **C, JAVA, SQL** |
| **Databases** | **ORACLE, MySQL, DB2** |
| **Web Technologies** | **HTML5, CSS3, JSON, AJAX** |
| **Front-End Frameworks** | **jQuery, Bootstrap, Angular 1.x.x, Angular 2.0, Angular 4.0, ECMA 5, ECMA 6, Typescript, Node.js** |
| **IDE** | **Notepad++, Visual Studio code, Atom, Dreamweaver, Coffee Cup, WebStorm** |
| **Web/Application Server** | **Apache Tomcat, WebLogic** |
| **Web Services** | **Soap, RESTful** |
| **Testing Tools** | **Jasmine, karma.js** |
| **Defect Tracking Tools** | **CA Rally, GIT, JIRA** |

**PROFESSIONAL EXPERIENCE:**

1. **Client: Sealed Air, Charlotte, NC Jan 2017 – April 2018**
2. **UI Developer**

**Responsibilities:**

* Developed presentation layer using **HTML, CSS and Java Script.**
* Designed and developed the login portal using framework **Angular 4.0** along with HTML5, CSS3 and Type Script.
* Enhanced application by building new components in **Angular 4.0** and typescript with a REST wrapper around the existing backend Java services as well as various enterprise web services integration.
* Created Typescript reusable components and services to consume REST API's using Component based architecture provided by **Angular 4.0.**
* Utilized **ECMA 6** scripting techniques for the application development such as arrow functions, extended literals, modules, classes.
* Experienced on both adaptive and responsive web design.
* Experience in working on **CSS** Preprocessors like **LESS &SASS** along with JavaScript task runners like Grunt.
* Re-designed/ developed the main website to improve user experience and add new functionality by using **NodeJS**.
* Developed entire server side using **NodeJS** with **Express.**
* Developed a front-end build system to help modularize code with a focus on **TDD.**
* Good Understanding of **Document Object Model** (DOM) and DOM Functions.
* All data transfers (requests/ retrievals), **XML Schemas** and **XML** namespaces transformative performed using **XSLT.**
* Implemented Presentation layer using CSS Framework, Angular 2, Wire-framing, and HTML5.
* Involved in **ReactJS** for Data patterns which improves readability and made it easier to maintain larger apps and used **ReactJS** for declarative, efficient, and flexible JavaScript library for building user interfaces.
* Developed various screens for the front end using **ReactJS** and used various predefined components from NPM (Node Package Manager) and Redux library.
* Used custom definitions for security to restrict the data flow and direction between view and controllers.
* Used **Asynchronous module definition** (AMD) pattern throughout the application.
* Valuable experience in making service calls to fetch and update data using **RESTful** services.
* Experience with **Gulp/Grunt** for JavaScript file’s concatenation and minify to improve performance in loading web pages.
* Used **GIT** for version control.
* Used Backbone.js and ReactJS to create Controllers to handle events triggered by clients and send request to server.
* Used **JIRA** for bug tracking.
* Interact with **SCRUM** team developers, programmers, tester, product owners and stake holders to deliver right value of the project at the end of each sprint.
* Implemented **lazy** loading for increasing the Application performance and decreasing application startup time.
* Performed code check-ins and check-out from GIT while developing the flows.
* Implemented routing functionality in the application using angular router.
* Performed unit testing using the tools **Jasmine and Karma**.
* Coordinated in every phase of **Software Development Life Cycle** (SDLC), starting from Requirements, Design, Development, Testing, Building, Deployment and Product Support.

**Environment: HTML/HTML5, CSS/CSS3, JavaScript, jQuery, NodeJS, JIRA, LESS, Gulp, GIT, ReactJS.**

1. **Client: Cerner Corporation, Kansas City, MO Jan 2016 – Dec 2016**
2. **UI Developer**

**Responsibilities:**

* Involved in development, design and implementation of front end part of the application.
* Developed the User Interactive web pages in a professional manner by using web technologies like **HTML, XHTML,** and **CSS** as per company standards.
* Developed complex, usable, attractive and cross-browser web interfaces that account for speed, file size, readability and accessibility.
* Worked on **AngularJS** by consuming Restful web services and Used **Angular 2.0** forms like Template Driven forms and Modern Driven (Reactive) forms to perform form validations both on server and client side.
* Working in custom created framework extensively using **Angular 2.0** and writing code that is modular and reusable.
* Used **Rx.js** Observables for creating the variables and subscribe them in the local components for the latest data.
* Used event emitters and @Input for communication between two components.
* Created reusable components for the application and used in the specific parts of the application.
* Utilized **LESS** and **SASS** for creating the stylesheets and have used variables and mixins to reuse **CSS** properties.
* Performed Unit testing using **jasmine, karama.js.**
* Utilized **REST** based web api for service call and pulling the **JSON** data in the frontend.
* Responsible in implementation of the presentation layer for the application using **HTML5, CSS3.**
* Extensive Knowledge in developing single-page applications (**SPAs)** using various **JavaScript** frameworks like **AngularJS** and **Bootstrap.**
* Utilized bootstrap 12 grid system to achieved responsiveness to the application compatible in mobile, tablet, and laptop screens.
* Used **Angular JS** to implement rich functionality in various pages form validation, CRUD, grid, search, sort, pagination, multi-selection, tags-input, advanced directives, authentication, server-side proxy, unit tests, cloud integration, slide pages, users switch etc.
* Extensively used **HTML5** for audio and video playback and worked as a front-end web developer, Node.js and **AngularJS** based applications.
* Utilized local storage for setting the authentication and authorization for the user based on credentials
* Implemented the service using **Node.js** for performance, development, maintenance, and deployment reasons.

**Environment**: **HTML5, CSS3, Bootstrap, DHTML, CSS, JSP, JavaScript, jQuery, JSON, AngularJS 2.0, Node.js, ECMAscript6 GIT, Agile methodology and RESTful and SOAP Services.**

**Sunera Technologies, Hyderabad, India May 2014– Dec 2015**

**Software Developer**

**Responsibilities:**

* Designed and developed User Interface using **CSS, HTML** and **JavaScript**. Used JavaScript **DOM** manipulation and JavaScript event to generate the data result in UI.
* Extensively involved in requirements gathering and analyzing them, checking the dependencies and design of the project.
* Designed and Developed **Java Script framework** which is wrapper on top of **JQUERY** frame work and **AJAX** based **UI** framework for **UI** Configuration widgets.
* Used **Ajax, OO Java Script, JSP, jQuery, HTML and CSS** to develop the application.
* Implemented **Media queries** to the web pages to make them compatible with cross-browser/cross-platform.
* Implemented google maps api's and form submission email features as per the client specifications.
* Developed different **JQUERY** component in **MVC** micro architecture framework which internally use various design pattern such as **singleton, command, delegate**, etc.
* Involved in redesigning the entire site with **CSS** styles for consistent look and feel across all browsers and all pages.
* Responsible for making responsive web pages using **twitter bootstrap** and **media queries**.
* Used **AJAX** frameworks like **jQuery, JSON** to develop rich **GUIs** and involved in performance tuning the website.
* Improved outgoing quality through test and yield improvements and characterization. Also reduced costs through test time improvements.
* Wrote test plans and performed **unit testing** and **performance testing**.

**Environment:** **HTML5, CSS3, JavaScript, AngularJS, Bootstrap, XML, XHTML, DOM, DHTML, Oracle database, Eclipse, SQL, Windows XP/07 and MS Office.**

**Academic Projects :**

• **Library Management System (Web Application)**

Created Web application using PHP and Oracle Database to implement basic functionality. -Implemented basic HTML, CSS and JavaScript functionalities to enhance appearance. -Designed Data Schema and implemented using Java Database Connectivity.

• **Flag Quiz Game (Android)**

Created Mobile Application using Android Studio to implement basic flag quiz game. -Implemented front-end usingXML.

• **Client-Server Application (Java Application)**

Client server communications considering localhost as a server. The functionality is implemented using JAVA and SQL as the database. It explains about developing a simple webserver, performing admin operations (i.e. uploading files into the server system), and requesting the server for a specific file using HTTP request.

**Achievements :**

* Secured 1st prize for best technical presentation in UTKRISTA2K14 conducted by Swami Ramananda Thirta Institute of Science and Technology.
* Best Performer award in the project team for year 2014 at Sunera Technologies.