**Manija Nalla**

**Front End/UI Developer**

**DEMOSTRATED SKILLS**

* Around **5 years of professional experience** in web development, designing user interface applications, testing and documentation of professional web applications using **HTML5**, **CSS**, **JavaScript, React JS with Redux** and **jQuery** and **experience** in single page UI application design and development.
* Experienced in all the technical phases of **Software** Development **Life Cycle** (**SDLC**). Expert in **Agile** methodologies like **Scrum.**
* Experience in designing User Interface (UI) applications and professional web applications using **HTML5, CSS3, JAVASCRIPT, JQUERY, NodeJS, AngularJS, Angular7, 6 & 4, AJAX, JSON, Bootstrap, Backbone.JS,** Responsive designing.
* Extensive experience in developing **NodeJS** applications using MVC frameworks and installation of client-side dependencies using Browser.
* Expertise in developing various JavaScript frameworks **Node.js, React.js/ Redux, Ext.JS, Responsive web design (RWD)**. Worked on Creating a **React JS** Application using MVC framework.
* Used **HTML5** and **React JS** to format the input forms and handled the input validations.
* Implemented **React JS** Controllers to maintain each view data.
* Experience in using **React JS components, Forms, Events, Keys, Router, plus Redux, Animations and Flux concept**. Implemented security to maintain the react components.
* Good Experience **in React.js for creating interactive UI's** using One-way **data flow, Virtual DOM, JSX, React Native concepts**.
* **Developed application using Node.js and ReactJS** for **Asynchronous Module Definition (AMD)** and Grunt as task manager.
* Developed scalable applications using the **MERN** (Mongo-DB + Express JS + React+ NodeJS) stack and created POC's for rest service development using NodeJS, Express JS and MongoDB.
* Developed backend components, connecting the application third-party web services using **Node JS**.
* Experience on working with **CSS Background, CSS Layouts, CSS positioning, CSS text, CSS border, CSS margin, CSS padding, CSS table, Pseudo-classes, Pseudo-elements and CSS behaviors in CSS**.
* Experienced implementing Web Services using Apache **SOAP, WSDL, JAX-RPC, JAX-WS, and Restful**.
* Practical experience in Document Object Model (DOM), DOM manipulations, DOM functions and implementation of user centered design **(UCD**) methodology.
* Good experience using Angular, Bootstrap for Responsive Web Design (RWD) and CSS media Queries.
* Working with Widgets and Charts which are provided by external JavaScript libraries are **D3.js, Dojo, and Ext.js**.
* Extensive experience in developing web applications with open source frameworks like spring, JSF, Struts, hibernates.
* Experience in designing web applications employing Search Engine Optimization (SEO) techniques and Search Engine Strategies (SES).
* Understanding and experience with Object Oriented Design/Development (OOD), Model View Control (MVC) design pattern and Test-Driven Development (**TDD**).
* Experience with UML modeling Class Diagrams, Use Cases, and Sequence diagrams.
* Experience in **AngularJs** framework using Dependency Injection, Promises, Services, Scopes, Controllers and Directives.
* Involved in writing application level code to interact with APIs, Web Services using **AJAX, JSON** and Angular resources. Expertise in creation of angular custom directives Filters and Services.
* Proficient with build automation tools like **Gradle, Maven, Apache** and **Ant** for builds and deployments to different environments.
* Excellent **problem solving, analytical and interpersonal** skills. Familiar with **GRUNT** and **GULP**.
* Ability to work in-groups as well as independently without supervision.
* Experience in using different version control systems like **GIT**, **ClearCase**, **CVS**, **subversion.**
* Extensive experience using **SQL** and **PL/SQL** to write Stored Procedures and Functions.
* Involved in API Integration using **Node JS** and **Mongo DB** as a data base connection.
* Also, Excellent analytical, logical and programming skills, Self-Motivated, Self-Starter, and Team Player, can work with minimal supervision. Effective Communication, Organizational and Time management skills.

**TECHNICAL SKILLS:**

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| **Web Technologies** | HTML5, CSS3, JavaScript and Bootstrap3/4 (Responsive Web Design) JS libraries |
| **JavaScript Libraries:** | Angular JS, Angular 2.0, Angular 4.0, Angular 7.0, Node JS, jQuery, React JS. |
| **Relational Databases** | Oracle 8i/9i/10g/11g, SQL server 2012/2014/2016, MySQL 5.7, DB2 11.1. |
| **NoSQL Databases** | MongoDB, Cassandra. |
| **Application Servers** | Apache Tomcat, IBM WebSphere, JBuilder. |
| **Web Services** | RESTful, SOAP, XML. |
| **Developer IDE Platforms** | Eclipse IDE, NetBeans, Dreamweaver, Visual Studio Code, WebStorm, Notepad ++. |
| **JS Task Runners** | Gulp, Grunt. |
| **Web Services** | RESTful, SOAP, XML. |
| **Debugging Tools** | Jira, Firebug, (internet explorer), Karma, Jasmine, Chai, Mocha. |
| **Version Control** | GitHub, Bitbucket, SVN |
| **Methodologies** | Agile, waterfall, TDD (Test-Driven-Development). |
| **Operating systems** | Windows, Mac OS and Linux. |

**PROFESSIONAL EXPERIENCE:**

**Client: Charter Communications, Charlotte, NC May 2019 - Present**

**Role: Front End/UI Developer**

**Description:** Charter Communications is a leading telecommunications company, which offers its services to consumers and businesses under the branding of Spectrum, our project is to provide the services for 3 Network companies Time Warner Cable, Spectrum, Charter Communications Applications. We have the API’s which can provide data by sending the requests sent in both JSON and XML format using SOAP and Restful Web services. We are moving all the data into single database. The request process, Validations and Business Logic implementations are done using Java, Spring Boot, Spring JDBC and JavaScript for rich UI implementation.

**Responsibilities:**

* Analyzed business requirements, participated in technical design, development& testing of modules assigned. Excellent problem solving, analytical and interpersonal skills.
* Involved in web designing using **HTML5**, **XHTML**, **CSS3**, **JavaScript, jQuery, AJAX** and used **Table-less Design** in **CSS** for positioning.
* Written code on **Typescript** to implement **Angular7** Components.
* Good amount of work done on Reactive forms in **Angular7** and their Validations.
* Created **Angular 7 components**, implemented interpolation, input variables, **Bootstrapping, NgFor, Ngif, Router** Outlet, binding the events, decorators.
* Worked with **Bootstrap** components of Angular-UI like carousel, collapse, dropdown, and tabs to develop dynamic responsive Web Application.
* Developed **cross browser** and **multi browser compatible** web pages.
* Used browser **Cookie**, **local storage** and **session storages** to store and access data right in the browser.
* Developed responsive single page web application using **Angular7 and Node.js, custom directives**.
* Used UI Components like Date-picker, modals and related components of **Angular material design**.
* Using spring boot and Couch base starter for retrieving and storing data to couch base.
* Worked on prototypes for **Responsive Web design**.
* Worked on **RESTFUL services** and made AJAX calls to server end and passed HTTP requests.
* Achieved **Angular 7** Authentication for the application and stored generated token so that token can be sent with each request to secure resources in Web API.
* Worked on **RESTFUL services** and made AJAX calls to server end and passed HTTP requests.
* Worked on JavaScript, HTML5 Browser **Cache mechanism** for storing and retrieving data for website
* Used **Gulp** as the build task runner to build and package the application.
* Experience in working with **Jenkins** tool, as it is a build tool used for triggering builds to deploy in environments. Worked on creating responsive website for smart devices using Responsive Web design and media queries.
* Worked with making calls to APIs to fetch the data from the backend as **JSON response** and parse it on the UI for **DOM/CSS** manipulation.
* Designed and documented **REST/HTTP** APIs, including **JSON** data formats.
* Developed Web Services for data transfer from client to server and vice versa using **Apache Axis**, **SOAP**, **WSDL and UDDI**.
* Coordinate with **QA** for testing, releases, Application deployment and integration.
* Implemented code coverage by writing Unit Test cases using **Karma** and **Jasmine** for **Angular 7**.
* Used **GitHub**, **Git bash** to commit, changes to the repository for maintaining various versions of the agile process.
* Ensured site design integrity and quality control consistency throughout the project’s lifecycle.
* Designed and development of many **PL/SQL** batches using JAVA with connectivity to **Oracle** for data maintenance and handling. Used **OAUTH2.0** for securing the WEB API.
* Used **CSS Blueprint** to create grids and adopt cross browser interactive features.
* Implemented logging mechanism for complex strategy for **security** and reliability of application used **LOG4j** to audit, detect suspicious activity, regular debug, test perform and Exception statements.
* Involved in **Agile process**, attended daily standup meetings, backlogs, release planning.
* Debugged the application using **Firebug** to traverse the documents and manipulated the **Nodes** using **DOM** and **DOM** Functions using **Firefox** and **IE Developer** Toolbar for IE.

**Environment: HTML5, CSS3, JQuery, AJAX, JavaScript, Typescript, Angular7,Node.Js, RESTFUL Services, Ext.Js, Responsive Web Design, Jasmine, W3C, MVC, Visual Studio Code, DOM, JSON, SOA, PL/SQL, DHTML, DOJO, Git.**

**Client: RCI, Carmel, IN Mar 2018 – Apr 2019**

**Title: Front End/UI Developer**

**Description:** Guide portal is an application in RCI used by guides (customer care) to help customers in booking resorts. Guides needs to login into this portal with their username and password and Helps customers to book hotels, resorts in required dates. RCI customers are two types one is Points members and another is Weeks members. Using this portal guide can save customer preferences, favorites and can see past reservations.

**Responsibilities:**

* Involved in Requirements and Analysis. Understanding the requirements of the client and the flow of the application as well as the application Framework.
* Involved in web designing using **HTML5**, **CSS3**, **JavaScript** and extensively used Table-less design in CSS for positioning and in designing **Responsive Web** pages using media queries and **Twitter Bootstrap**. Used **Bootstrap** and **ReactJS** in effective web design.
* Participated in day-to-day meeting, status meeting, strong reporting and effective communication with project manager and developers.
* Have used **AJAX** to retrieve data from server synchronously in the background without interfering with the display and existing page in an interactive way. Created an internal browser-based text editor using **HTML**, **CSS**, **JavaScript**, **backbone.js**.
* Worked on Creating a **React JS** Application using MVC framework.
* Used **HTML5** and **React JS** to format the input forms and handled the input validations.
* Implemented **React JS** Controllers to maintain each view data.
* Maintaining Parent and child elements by using **State** and **Props** in **React JS**.
* Designed and developed **ReactJS** component required for the project.
* Used multiple state managements such as **Cache, Cookies, View State, Hidden Field, Query string, session** to provide/keep information associated with the page.
* Responsible for **React UI** and architecture. Built components library, including Tree, **Slide**-**View**, **and Table** Grid.
* Worked on tools like **GIT** repositories and Installed and configured **GIT** and synced with multiple **GIT-Hub** repositories.
* Designed and developed **ReactJS** component required for the project.
* **React Hot Loader** is a plugin for **Webpack** that allows instant live refresh without losing state while editing **React** components.
* Solid understanding of **React** Virtual Dom Algorithm, for **React** performance optimization
* Modularized Front-End CSS and **Node JS** code with sass. Built real time mouse/click user analytics web services with **Node JS.**
* Extensive experience in developing web applications with **User Experience Design** (**UX**) like Visual Design, Interactive Design and extensive Human Computer Interaction Concepts.
* Used **Wire Frame Tools** like **Adobe Photoshop CS6** for basic Visual design and followed User Experience Design (**UX**) properties and used **pair programming** model for the development.
* Version control through **GIT.**

**Environment: Environment: HTML5, CSS3, JavaScript, jQuery, DHTML, MVC, DOM, JSON, Node.js, React.js, AJAX, SOAP, XML, Adobe Photoshop.**

**Client: Walgreens Health Initiatives, Chicago, IL                                                      AUG 2017 - FEB 2018**

**Role: Front/End Developer**

**Description:** This project is about Inventory management system which ensures that to maintain as little stock as possible. It deals with warehouses, products, multi-national production contracts etc. It can track sales and available inventory, communicate with suppliers in near real-time and receive and incorporate other data, such as seasonal demand.

**Responsibilities:**

* Developed Responsive Html web pages using **HTML5, CSS3, JavaScript, and Typescript**.
* Developed code for Responsive web design in **Typescript** using framework like **Angular 2.**
* Developed customized **Organizational Chart** displaying in tree format using third-party **jQuery** library.
* Used **Jasmine** to perform unit testing of custom filters, custom directives and various parts of **AngularJS** application.
* Responsible for field validations using **Angular JS** and created custom components in **Angular 2**.
* Worked with **Protractor** testing framework for end to end testing of **Angular application**.
* Worked with **Jasmine** to write the unit tests and used **Karma** to run them.
* Used **Gulp**, as web tool for task/build runner for development.
* Worked with **Single page applications** to load the single HTML page and dynamically update the page whenever the user interacts with the application.
* Proficiency in developing dynamic web applications based on **REST API’s, Responsive web design, Single page Architecture**.Worked on JavaScript tools like **Grunt, Gulp, NPM and Bower.**
* Worked with **Node. JS, NPM packages** to run the **Angular application**.
* Worked with **Angular 2.0** framework to run the **Bootstrap** method against **Typescript** files which are related to application module. Worked on **GitHub** to maintain the repository.
* Created rich and dynamic **Angular 4** form using **index, Ngif, Ng Hide, Ng For** etc.
* Worked on creating **Angular 2.0** based form and popup modal using **Html, bootstrap and Typescript**. Used **AJAX** for server communication and seamless user experience.
* Used **Node.JS** to compile the code of JavaScript into the browser-based code.
* Coordination with team in the daily routine works as a part of agile methodology, which includes code reviewing, validations and demos.
* Responsible to assign stories to my track and get progress report from the team by using **JIRA**.
* Duties also include basic **trouble shooting, attending to priority client calls and contacting the client with an ETA**.

**Environment: Angular 2.0, Typescript, JavaScript, Karma, Jasmine, Protractor, Jenkins, bootstrap, HTML5, CSS3, NPM, Single page application, Responsive web design, AJAX, GIT,JIRA.**

**Client: Sum Total Systems, Hyderabad, India July 2015 – MAR 2017**

**Role: UI Developer**

**Description:** Sum Total Systems Inc is Software Company that provides human resource management software and services to private and public-sector organizations. This project was involved in system study, development and implementation of the project.

**Responsibilities:**

* Actively involved in the application architecture and development tools for web solutions that fulfill the business requirements of the project.
* Developed Use case diagrams, Object diagrams, Class diagrams, and Sequence diagrams using **UML.**
* Involved in extensive **HTML** coding and developed web forms using **HTML** for the application.
* Connected with clients to appreciate their present applications and design the site as showed by their structure essentials and developed data insertion forms and validated those using **JavaScript** and **CSS** style sheets.
* Designed dynamic client-side **JavaScript** codes to build web forms and simulate process for web application, page navigation and **form validation**.
* Produced **GUI** prototypes for business logic presentations.
* Worked on front-end with **HTML4/HTML5 and CSS/CSS3**, by taking advantage of the **MVC** pattern of the **AngularJS** framework.
* Used Gulp as a build system and JavaScript Task runner.
* Utilized various **JQUERY plugins** to build **Rich Internet Application** (RIA) to make it look more intuitive. Created **Stored Procedure**, **Trigger** for database access and events.
* Worked closely with the programmers and graphic designers for project requirement and analysis.
* Participated in **bug thrashing** sessions to discuss and resolve bugs with developers. The new website has made it much easier for the users to access the page and check the required info.

**Environment**: **HTML, CSS, jQuery, JavaScript, XML, MS SQL, Sublime, Adobe Photoshop, Dreamweaver.**