Sushma N

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**Professional Summary:**

Software/UI Developer with more than 8+ years of experience in Web Application Development using JavaScript Frameworks like AngularJS, EmberJS, ReactJS, React Native with Redux, Flux, NodeJS, ExpressJS, HTML, CSS, JQuery, BootStrap, Microsoft SQL Server and Oracle SQL Database and ASP.NET WebAPI Framework.

* Strong understanding and experience with Object Oriented Concepts, Object Oriented JavaScript, Object Oriented Design and Implementation.
* Experience designing rich user interface using HTML5, CSS3, BootStrap, Java Script, AJAX, jQuery, Node JS, Ember.JS, Angular.JS and React.js using Redux
* Experience in using various IDEs like Visual Studio Code, Eclipse, Sublime text 3, WebStorm, Brackets, Atom, Visual Studio, Adobe Dreamweaver and Notepad ++
* Good knowledge in MVC architecture and understanding concepts on Model, View, controllers and usage of directives, custom directives and services
* Working experience with Node environment using Node JS, NPM, ExpressJS
* Experience in responsive web design (RWD), progressive enhancement, debugging tools, cross-browser development, Document Object Model (DOM) and accessibility
* Experience in working with testing tools like Firebug, Firebug Lite, Ember-Inspector, React developer tool, Redux tool Inspector, Chrome or Safari Web Inspectors and IE Developer Toolbar.
* Experience in implementing the Node.js server-side code to interact with SQL Database like SQL Server
* Proficiency in writing SQL queries, functions, packages, tables, views using relational databases like Oracle SQL and MSSQL Server
* Experience in Agile-Scrum technologies and worked with platforms like Jira and TFS.
* Ability to write clear, maintainable, well-documented, and efficient code for web development
* Team player, flexible with positive attitude and excellent learning skills

Skills:

Web Technologies : HTML4/HTML5, CSS3, AJAX, JSON, XML, Bootstrap

Scripting : JavaScript, TypeScript, ECMAScript 2015(ES6)

JavaScript Libraries & Frameworks : jQuery, Angular, React, Ember, Node, Express

Programming Languages : Java, C#, Python

Testing Tools : Jest, Karma, Jasmine, Mocha, Chai, Protractor

Version Control : Git, SVN

SDLC : Agile, Waterfall

**Professional Experience**

**Client:** MasterCard - O’Fallon, MO May 2020 – Till Date

**Role:** Sr. Software/UI Developer

**Responsibilities:**

* Designed and Developed several applications using ReactJS, React Native with Redux. Integrated the applications into one host application using Microfrontend architecture
* Developed User Interface based on the designs provided using HTML5, CSS, SCSS, react-bootstrap and reactjs with hooks.
* Used Node JS to interact with Rest services and with Database, building real-time Web API's.
* Developed react applications using single spa framework to support microfrontend architecture.
* Used Azure Cloud Storage Container to deploy frontend blob applications.
* Written Azure devops pipeline to automate the build and deployment process of applications.
* Styled web app using Materialize CSS library and custom CSS for a responsive UI and augmented React Native front-end structure for a more responsive interface with new features.
* Written unit test cases for the UI components using Jest with enzyme.
* Developed API Middleware application using axios api and javascript, middleware application is used by all the microfrontend applications.
* Used react-final-form library to create different form components that can be used for form validation and submission.
* Developed react-redux application using middle wares such as redux-thunk, redux- persist and redux-logger.
* Used ImmutableJs to modify the data persisted to the redux store.
* Used 3rd party libraries like apex-charts, rechartJS and react-table for developing interfaces to show data analysis and tracking.
* Developed several Rest WebAPI controllers using Django Python to connect with Azure Function App’s and return data to UI.

**Client:** Prudential Insurance – NJ Sep 2019 – Apr 2020

**Role:** React Developer

**Responsibilities:**

* Designed and Developed a Web Application which supports 5G data and voice customers using ReactJS Library and Redux Architecture.
* Developed Rest API’s in NodeJs with ExpressJs and implemented http calls from the front end application to the API’s built.
* Developed Restful Micro Services using Node with Type Script and entity Framework.
* Developed User Interface based on the designs provided using HTML5, CSS and react JSX templates.
* Written unit test cases for the UI components using Jest with enzyme.
* Developed API Interfaces in typescript to interact with third party systems to fetch data and load it to the database.
* Integrated UI with Google API’s and used different API end points provided by google to load the data into database and also show it on the UI.
* Created several reducers, complex HOC Components and actions that are used with react and redux store in the application.
* The application is deployed as a Webview Component for Android, which allowed us the creation of a mobile app without using or writing Android native code.
* Build and Deploy application using Jenkins UI. Jenkins is configured with scripts to build and deploy all the microservices and the Web UI application along with android application.
* Used Formik Validations library to validate the form components created on the react UI.
* Developed Custom Components with predefined styles that can be used to plugin into different pages.

**Client:** (AMR)Envision HealthCare - Modesto, CA Mar 2017- Aug 2019

**Role:** Software/UI Developer

**Responsibilities:**

* Part of a team developing two different Web-based applications using EmberJS Framework and ReactJS with Redux library on the client Side and ASP.NET WebAPI Framework for building REST API on the server side
* Functionalities included writing code in HTML5, CSS3, Bootstrap, JavaScript, jQuery, jQuery UI and other 3rd Party libraries integrated into the code
* Involved in designing the user experience interface UI/UX strategy, UI requirements, converting findings into UI designs
* Worked on Ember-Data, Ember-Components, and Ember related JavaScript conventions and Ember-CLI
* Used Git and TFS as the version control for code management
* Used TFS and Bitbucket for the remote source control repository, also for the task and User story management
* Used NodeJS framework ExpressJS to mock the RESTful API
* Used C#/ASP.NET WebAPI and followed three-layer architecture to build the RESTAPI's suitable the Ember Model Data on the UI
* Involved in Developing OKTA Authentication (SAML Authentication) for the users in the Active Directory
* Used Google maps JavaScript API for autocompleting address on the UI and for Geocoding and displaying customized maps on the UI with directions rendering services
* Experience with React-JS library, built web-component using ReactJS and JSX Syntax
* Extensively used props, state and constructed several stateful and stateless components
* Used Redux for state management among the react components and constructed containers, reducers and action
* Experience in promises, asynchronous JavaScript programming and ES6 syntax
* Experience in using 3rd party libraries like fetch API and Axios and JQuery $. ajax to make ajax calls in ReactJs application
* Used various components from NPM (Node Package Manager) and bower for 3rd party library integrations

**Client:** Symbiosys Technologies, Hyderabad Oct 2014 - Apr 2016

**Role:** UI Developer

**Responsibilities:**

* Being Agile was involved in all aspects of the project right from requirements phase to production support.
* Implemented Single Page Application (SPA) architecture and client side MVC using Angular JS.
* Used the concepts of Angular JS Directives, controllers, factory, service and filters.
* Development of Client Side Validation techniques using JQuery and Angular JS directives.
* Worked closely with UX Designers and developed actual POCs.
* Development of custom angular directives, which can be used along with HTML 5 components for DOM Manipulation.
* Used Angular JS in-build directives along with custom written directives.
* Built data visualizations to monitor file server load, web server speeds, data processing using D3.js.
* Designed and developed the application to be responsive for desktop, mobile and tablets using Twitter Bootstrap.
* Performed client side validations over the forms using JavaScript.
* Used Ajax to refresh only certain section of the page and reduce the load on the web server.
* Used Cascading Style Sheets in order to separate presentation from the structure.
* Defined text alignment, borders, positioning and many other typographic characteristics.
* Bootstrap was used along with Angular.js in creating the Application.
* Experience in Node.js modules like grunt, bower, express and mongoose.
* Good understanding of MongoDB.
* Developed and Deployed the Application on Eclipse and Tomcat Web Server.
* Responsible for code optimization and testing across other browsers.

Environment: HTML, CSS, JavaScript, JQuery, JSON, Ajax, Single Page Application, Angular.js, D3.js, Responsive Web Design, Bootstrap.

**Client:** HTC Global Services June 2011 - Sep 2014

**Role:** Programmer Analyst

**Responsibilities:**

* Worked with Business Analysts in understanding the technical requirements of each project.
* Translated style guides and designs into functional user interfaces with assurance of cross browser compatibility.
* Worked closely with Photoshop designers to implement mock-ups and the layouts of the application.
* Designed dynamic and browser compatible pages using HTML, CSS, JavaScript and JQuery.
* 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 behaviours in CSS.
* Developed data formatted web applications and deploy the script using client side scripting using JavaScript.
* Designed and develop creative intuitive user interfaces that address as per clients requirements.
* Designing applications User Interface and Widgets using GWT code as per the business requirement.
* Monitor site for any UI inconsistencies and fix all the UI bugs reported in the test track.
* Worked closely with QA team to reproduce and fix the defects that were identified during testing procedures.

**Environment:** HTML, CSS, JAVASCRIPT, XML DOM, AJAX, JSON, Tomcat Apache