

Sonia Mary

PROFESSIONAL SUMMARY

- ✓ Having around **9 years** of professional experience as **Front end** and **Full Stack Developer** using **MERN (MongoDB, ExpressJS, ReactJS, NodeJS)**, **MEAN (MongoDB, Express, AngularJS, NodeJS)** stack.
- ✓ Worked with **Functional Programming, Object oriented programming** and other **paradigms** with **JavaScript – ES5/ES6/ES7/ES8**.
- ✓ Good understanding of **functional programming** - pure **functions**, function **composition**, currying, immutable **objects**, **declarative programming**.
- ✓ Experience with **ReactJS** reusable components, **React-Router** for developing **SPA**, **JSX** for templating and working with **props, state, keys, refs, events, props validation** and **React component life cycle** for state management and DOM manipulation.
- ✓ Experience with **React hooks** - **useState, useEffect, useContext, useMemo, useRef** and **useReducer**.
- ✓ Used **Redux** for State Management using **Store, Actions** and **Reducers**. Used **pure functions** to create reducers.
- ✓ Hands-on experience with **React Native** and **Native Router** for developing **SPA with ES6 and Jest**.
- ✓ Created **SPA** using **React-Router** - Used **BrowserRouter** for Web and **NativeRouter** for mobile.
- ✓ Experience in developing **Mean Stack (MongoDB, Express, AngularJS, NodeJS)** using **UI-router, Modules, Services, Controllers** .
- ✓ Extensive experience with **JavaScript (ES5/ES6/ES7/ES8)** – **closures, scope, promises, function** expressions, hoisting, **prototypes**, block **scoping**, arrow **functions, rest** and **spread, classes**, modules, **async** and **await** and **Patterns**.
- ✓ Good understanding of design patterns – **IIFE, Module, Revealing Module, Prototype, Revealing Prototype patterns**.
- ✓ Proficient in **HTML5** new features like **Form Validation, Media (Audio & Video), Canvas, SVG, Web Worker, Local Storage, Session Storage, Web Socket, Application Storage (Offline)** and **Indexed DB API**.
- ✓ Experience in UI designing with **Bootstrap, Media Queries, Fluid Layout, Responsive Images, Typography, Google Analytics, Google Performance Metrics, Lazy loading, CSS3** preprocessors like **SASS, JavaScript** scripting technologies.
- ✓ Experience in **JavaScript** and **node unit** testing library framework .
- ✓ Experience with **Grunt, Babel** and **Webpack** transpiling, bundling, minification, compilation and linting and **ESLint** for code cleaning.
- ✓ Worked on **CI/CD** with **Jenkins, Git, Docker** and **ADO**.

Education: M. E (Computer Science), B. Tech (Information Technology) Anna University, Trichy, Tamil Nadu, 2009

TECHNICAL SKILLS

Web Technologies	HTML4/HTML5, CSS2/CSS3, SASS, XML, Bootstrap, JavaScript (ES5/ES6/ES7/ES8), NodeJS, ReactJS, Ajax, ExpressJS, JSON, Jest, MongoDB.
Tools and IDEs	WebStorm, Visual Studio Code, Notepad++.
Application Server	NodeJS
Version Control	GIT
Operating System	Windows, Linux and Mac OS
Programming languages	JavaScript, Java
Database	SQL queries and MongoDB.
Libraries	ExpressJS, Request, jQueryUI, ReactJS, Material-UI, Video.js, Lodash, Async, Google Fonts, Socket.IO, Mongoose.

PROFESSIONAL EXPERIENCE

Thomson Reuters - Eaton, MN

June 2022 - Present

Front End Developer

Description: As a dedicated Front-End Developer specializing in React and TypeScript, I contribute to the creation of captivating and responsive web interfaces. My responsibilities include implementing Figma-based designs for sign-up pages, ensuring seamless user onboarding for trialists. Progressing to the checkout phase, I develop secure and user-friendly payment flows, collecting and validating personal information. Throughout these tasks, I prioritize unit testing using Jest to maintain code reliability and contribute to ongoing improvements.

Responsibilities:

- ✓ Involved in creating dynamic web site design and programming using **HTML, CSS, and JS / Typescript**
- ✓ Performed client-side validations over the forms using **Typescript**.
- ✓ Used Storybook for component creation in isolation.
- ✓ Used **Cascading Style Sheets** to separate presentation from the structure and defined text **alignment, borders, positioning** and many other **typographic characteristics**.
- ✓ Experience in working with **CSS Background, Layouts, positioning, text, border, margin, padding, table, Pseudo classes and Pseudo elements**.
- ✓ Exposure to **React** for building highly interactive user interfaces and **Redux** for state management.
- ✓ Worked with Higher-Order Components (HOC) for reusing component logic.
- ✓ Worked with **Promises, Fetch API** and **async and await** to avoid **callback hell** and to fetch data.

Environment: React, Redux, AEM, Jest, TypeScript, Git, HTML5, CSS, JIRA, ADO

Cisco - San Jose, CA

Jun 2021 – May 2022

Full Stack Developer

Description: Cisco Systems is a networking company in which we are developing a project based on internal employee communication. Which mainly includes cisco modules usage of internal applications? Based on our application, an employee will be able to contact support, raise a remedy ticket and locate others employee's workplace etc. Conference room booking, scheduling meeting and ordering, downloading Cisco products.

Responsibilities:

- ✓ Complete exposure with **MERN (MongoDB, ExpressJS, ReactJS and NodeJS)** stack with **ES6**.
- ✓ Created **SPA** by configuring **React-Router**. Used **BrowserRouter** for Web and **NativeRouter** for mobile.
- ✓ Created reusable components with **ReactJS**. Worked with **props, state, life cycle** methods, DOM event handling, forms and Context API.
- ✓ Worked with React new features - **Fragments, Return Types, Error Boundary, Static Methods, React Suspense/Lazy and React Profiler**.
- ✓ Worked with React **hooks - useState, useEffect, useRef, useMemo, useContext and useReducer**.
- ✓ Used **redux-thunk** as **middleware** to handle request and response and to delay dispatch of an action based on conditions.
- ✓ Used **Redux** for **state management** using Store, Actions and Reducers. Used pure functions to create reducers.
- ✓ Worked with **JavaScript (ES5/ES6/ES7/ES8) -closures, hoisting, prototypes, blockscoping, rest, spread, destructuring**, classes, promises, iterators, generators, async, await, maps and sets.
- ✓ Worked with **functional programming** – pure functions, immutable objects and declarative **programming**.
- ✓ Built out **RESTful** endpoints and lightweight aggregation layers using **Node.js** Framework such as **Express.js, Body parser, cluster, process, Winston, Redis, jwt, mongoose, Lodash, async etc**.
- ✓ Used **Mongoose** Schema/Model to create, query, update, and delete with **Express.js** controllers.
- ✓ Worked with CSS3 preprocessors like **SASS** - variables, mixins, nesting and import.
- ✓ Created POC on **React Native** and used **Jest** and **Enzyme** for testing applications.
- ✓ Used **ESLint** with **Webpack** and **Node.js plugins** to do code cleaning.
- ✓ Worked in **CI/CD** process with **Git, Gerrit, Jenkins, Docker** and **AWS**.

Environment: ReactJS, Redux, React Native, Jest, Enzyme, JavaScript, Lodash, ExpressJS, NodeJS, MongoDB, Mongoose, Redis, Winston, PM2, Webpack, Babel, Gerrit, Git, Jenkins, Docker, AWS, HTML5, CSS3, SASS.

Move Inc, Santa Clara, CA
UI Developer

Mar 2020 - May 2021

Description: The Move Inc network provides resources and tools for consumers and real estate professionals to help navigate all stages of the home-buying cycle. These tools give consumers access to the most comprehensive selection of existing homes for sale, property records, rentals, mortgage resources, senior housing options, moving resources and more. The Move network has the deepest consumer engagement among all real estate websites - consumers spend more than 700 million minutes per month on Move websites and mobile experiences.

Responsibilities:

- ✓ Exposure to **ReactJS** for building highly interactive user interfaces and **Redux** for state management with **ES6** syntax and **JSX** templates.
- ✓ Created a single page application using **ReactJS** and used **react-router** to interact between the pages.
- ✓ Created reusable components with **React.js**. Used **JSX with ES6** to define components.
- ✓ Worked with the react component life cycle for state management and **DOM manipulation**.
- ✓ Used **Redux** for state management. Created **reducers** with pure functions and **actions** to dispatch events and **stores** to maintain the state.
- ✓ Used **Redux middlewares** - **redux-form**, **redux-logger**, **react-redux**, **redux-thunk**, **redux-localstorage**.
- ✓ Used **third party react components** - **react-video**, **react-select**, **react-tagsinput**, **react-datagrid**, **react-panels**, **react-calendar**.
- ✓ Worked with **Promises**, **Fetch API** and **async and await** to avoid callback hell and to fetch data from the server.
- ✓ Worked with **Higher-Order Components (HOC)** for reusing component logic.
- ✓ Used **Bootstrap 3** for mobile-first responsive design and typography and **Bootstrap CSS Grid System** to create responsive layouts, navigation and tables.
- ✓ Experience with **Babel**, **Webpack** to perform transpiling, bundling, minification, compilation and linting.
- ✓ Created **POC** using **Jest** and **Enzyme** for testing React applications.
- ✓ Worked in **CI/CD** process with **Git**, **Gerrit**, **Jenkins** and **AWS**.

Environment: React.js, Redux, React-Router, JavaScript, Webpack, Babel, Gerrit, Git, Jenkins, AWS, HTML5, CSS3, Bootstrap, Jest, Enzyme.

Client: American Airlines, Fort Worth, TX
UI Developer

Mar 2018 – Feb 2020

Description: American Airlines is a leading Air transportation company in the United States that provides services all over the world. I was part of global sales ecommerce platform, for the customers to purchase tickets and booking services. The aim of this project was to develop existing software programs & integrate cross browser compatible applications.

Responsibilities:

- ✓ Used AngularJS as a framework to create a **Single Page Application (SPA)** which binds data to views and synchronizes data with the server.
- ✓ Used **UI-Router** module, which is state based for multiple views and encapsulated each with a controller for reusability throughout the application.
- ✓ Used **AngularJS dependency injection** to inject different Angular Services as well as custom Services, also built several custom Directives to provide reusable components.
- ✓ Good with **scope isolation**, **templating**, in creating (elements, attributes, classes) using custom directives.
- ✓ Used **Angular JS** framework to bind **HTML** (views) to **JavaScript** objects (models).
- ✓ Implemented various **\$scope** methods **\$watch ()**, **\$digest ()** and **\$apply ()** in order to implement two-way data-binding by using AngularJS.
- ✓ Used Directives for the **DOM** manipulations and Filters for formatting decimal places and pagination.
- ✓ Used **link** function to define directive's API and attached event listeners to DOM elements, watching model properties for change, and updating the DOM.
- ✓ Used **CSS** sprites to decrease the number of **HTTP** requests and load time of web pages to improve page performance.
- ✓ Used **Mobile-first responsive** grid layout using **Bootstrap 3**. Extensively used Media Queries, Fluid Layout, Responsive Images and Typography.
- ✓ Implemented **CSS3** features like **CSS3 Media Queries**, **Pseudo Classes**, **multi-column layout**, **gradients** and **web fonts**.
- ✓ Used **Grunt** as a build tool for post development activities like minification, concatenation etc.
- ✓ Understanding the concepts of continuous integration using tool **Jenkins** and fixing the bugs quickly encountered in continuous builds.

Environment: HTML5, CSS3, Bootstrap 3, JavaScript, DOM, Ajax, JSON, AngularJS, Angular UI, Restful API, Grunt, Jenkins.

Client: Autodesk Inc., San Francisco, CA

Aug 2017 – Feb 2018

Full Stack Developer

Description: Autodesk is a leading corporation that makes software for architects, engineers and for 3d animators. I worked as a UI Developer engineer in Autodesk who is responsible for Admin Tool and Apis to maintain and develop different services which are required for E-commerce Websites. Worked as the tester before new feature setups went live. Offerings, Subscriptions, Promotions, e-Stores, Purchase Orders etc. had to be checked for consistency and correctness. Other duties involved once the story is tested, I automate it which is a part of acceptance criteria of the story to be closed.

Responsibilities:

- ✓ Developed websites using **HTML, CSS, JavaScript, JSON and AJAX.**
- ✓ Used jQuery UI controls as Accordion, Tabs, Dialog and used **jQuery** mobile data attributes to create mobile friendly pages.
- ✓ Worked on various mobile frameworks like jQuery mobile.
- ✓ Used **jQuery** UI widgets like auto-complete, date-picker to enhance the usability, functionality and overall experience.
- ✓ Performed client-side validations over the forms using **Javascript.**
- ✓ Used AJAX to refresh only a certain section of the page and reduce the load on the web server.
- ✓ Used JavaScript DOM manipulation and JavaScript events to generate the data result in UI.
- ✓ Used **JSON** objects effectively for efficient client-side coding.
- ✓ Used http requests using Ajax and used promises.
- ✓ Used Cascading Style Sheets in order to separate presentation from the structure and also defined text alignment, borders, positioning and many other typographic characteristics.
- ✓ Experience on working with CSS Background, Layouts, positioning, text, border, margin, padding, table, Pseudo classes and Pseudo elements.

Environment: HTML5, CSS3, Javascript, AJAX, IIFE, JSON.

Cigna Health Insurance, Columbus, OH

Feb 2016 – Jul 2017

UI Developer

Description: Cigna is an American worldwide health services organization. It's one of the largest health service companies and healthcare insurance providers in the US market. In this project, we are focused to develop a system which keeps a track on the people who need health services like supplemental insurance plans, health plans which provide comprehensive medical and drug coverage, in turn, utilizes a designated network of doctors and hospitals who work together to provide the best care in the most cost-effective manner.

Responsibilities:

- ✓ Involved in creating dynamic web site design and programming using HTML, CSS, Javascript and jQuery.
- ✓ Implemented Grid with JSP for creating list and detail popups on all admin pages.
- ✓ Extensively used jQuery UI components inside list and detail pages - Accordion, Autocomplete, Dialog, Menu, Tabs, and Tooltip.
- ✓ Extensively worked with jQuery animations and created custom plugins using jQuery.
- ✓ Implemented printable chart report using HTML, CSS and jQuery.
- ✓ Developed and maintained the layouts using CSS for all intranet applications compliant with W3C.
- ✓ Extensively worked with jQuery animations and created custom plugins using jQuery.
- ✓ Implemented client-side form validations using JavaScript and JSP.
- ✓ Utilized JavaScript and JQuery to improve overall design and to update a portion of a GUI page thus reducing bandwidth usage and load time in web pages to get user input and requests.
- ✓ Created HTML pages from mock-ups and visual wireframes, worked closely with the design / product team.
- ✓ Developed JavaScript, HTML and CSS web pages and wrote SQL database Queries.

- ✓ Tested cross browser compatibility to ensure the look and feel of the UI designs worked the same in various versions of different browsers (IE, Firefox, Google chrome, Safari and Opera).

Environment: HTML, CSS, DOM, DHTML, XHTML, CSS, JavaScript, JSON, Restful Api.

