

Sonia Mary

PROFESSIONAL SUMMARY

- ✓ Having around **8 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 2020 - 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 2018 – May 2019

Front End 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**Mar 2017 - March 2018****UI Developer**

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.

Autodesk Inc., San Francisco, CA**Aug 2016 – Feb 2017****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.

