Teena

- **Over 9 years** of experience as a **Front-end Web Developer**, specializing in crafting responsive web applications using technologies such as **React, MongoDB, Express, NodeJS, NextJS, Tailwind, and Redux.**
- Actively contributed to the **end-to-endsoftware development life cycle** (SDLC), emphasizing **Agile** practices and ensuring efficient, iterative project workflows.
- Proficient in creating **responsive design** implementations, prioritizing **optimal user experiences** across various devices.
- Expertise in modern **front-end frameworks**, including **ReactJS, NextJS, Redux, Tailwind, and VueJS.**
- In-depth analysis of the **Document Object Model** (DOM) Layout, **DOM Functions**, and JavaScript functions, ensuring **cross-browser compatibility** using tools like **Fire Bug and Developer Tools.**
- Seamless collaboration with **cross-functional teams**, encompassing **back-end developers and designers.**
- Implemented **performance optimization** strategies, significantly **improving website loading times.**
- Extensive knowledge in **ReactJS,** utilizing **React Flux** architecture to enhance website performance.
- Experience with **middleware technologies**, including **Redux-Thunk, Redux-Saga, and Redux-Logger**, contributing to efficient state management.
- Proficient in **Unit Testing frameworks** like **Jest & Enzyme**, **Jasmine** Integration Testing, and adept in preparing comprehensive test cases.
- Developed **custom and reusable React Components** Library, optimizing website performance through advanced concepts within **React and Redux architecture**.
- Extensive experience using **React JS components**, **Forms, Events, Keys, Router, Redux, Animations, and Flux concepts.**
- Utilized ReactJS for **creating interactive UIs** using one-way data flow, **Virtual DOM, JSX, and React Native concepts.**
- Incorporated **TypeScript** to enhance the development process, **providing static typing** for improved code maintainability and early error detection.
- Proficient in creating dynamic and **SEO-friendly routes** in **Next.js,** enhancing the overall navigational structure of web applications.
- Implemented **Server-Side Rendering (SSR)** using **Next.js** for faster page loads and improved SEO.
- Utilized **Next.js** for **Static Site Generation (SSG),** optimizing website **performance by pre-rendering static pages.**
- Expertise in using **Middleware**, specifically **Redux-Promise**, for efficient data retrieval and **RESTful services**.
- Comprehensive experience in **Node.js** environment using **NPM**, **Grunt, Gulp, and Groovy Bower.**

- Have Knowledge in cloud technologies, including **Amazon Web Services (AWS),** and expertise in RESTful and SOAP web services for seamless application-to-application integration.
- **Front-end development** experience with **back-end system integration**, emphasizing a holistic approach to web application development.
- Proficient with bug tracking tools like JIRA for effective project management.
- Experience with Version Control tools like **GIT** and **SVN** for source **code version** management.
- Extensive knowledge in working with databases such as **Oracle, MS SQL Server, Azure, MySQL, PL/SQL (Oracle), PostgreSQL, NoSQL, MongoDB, Cassandra**, along with web application servers like **Apache Tomcat and WebLogic.**
- Proficient with various **IDEs,** including **Eclipse, Android Studio, Notepad++, and Sublime Text**and online code editorslike**Code Sandbox, JSFiddle, Repl.it and CoderPad**
- Experienced in **Linux** systemadministration, **DevOps** practices, and **AWS cloud platform**.

Technical Skills

Web Development: HTML5, CSS3, JavaScript (ES5/ES6/ES7), TypeScript,ReactJS, NextJS, Jest, jQuery, JSON, AJAX, XML, XHTML, DHTML, MVC, DOM, ExpressJS, Bootstrap, SASS, Gruntand Webpack.
Databases: MySQL, Oracle, MongoDB, Redis
Programming Languages: JavaScript (ES5/ES6).
Operating System: Windows, Linux, UNIX, Mac.
IDEs worked on: Notepad++, Visual Studio, WebStorm, Sublime, Brackets
Application Servers: Node.js.
Node Libraries: Lodash, Aysnc, Request, Passport, JWT, ExpressJS, Body-Parser, ExpressJS, Mongoose.

Education details
Masters in Computer Application, Mahatma Gandhi University, Kerala, 2008

Projects

Client: Move Inc, Santa Clara, CA   **Dec 2021- Present**
Full Stack 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:
- Oversaw the implementation of a comprehensive **MERN(MongoDB, ExpressJS, ReactJS, NodeJS) stack** for this project.

- Employed **MongoDB** for efficient property **data storage**, while **ExpressJS and NodeJS** powered a resilient **back-end server**. Utilized **ReactJS** to create a dynamic and interactive **front-end interface**, showcasing **property listings and details**.
- Appliedlatest **ReactJS** features such as **Error Boundaries**to gracefully handle errors without crashing the entire application, and Fragments, **updated Life Cycle Methods** (**Hooks**) to elevate the user experience.
- Implemented **API routes** in **Next.js** for seamless data fetching, ensuring efficient communication between the front-end and **back-end**.
- Worked with**JavaScript**, **ES6**, **React**, **Redux Saga**, **RESTfulservices**, **HTML5/CSS3/SASS/Bootstrap,** and **Gitlab.**
- Adept at utilizing **Redux Saga middleware** to manage **Redux application** state and dispatch Redux actions.
- Strong experience in building **high-quality, scalable, and reusable components** and **front-end solutions** using the **React.js framework**.
- Implemented user interface using **ReactHOC, Flux/Redux** for single-page application development.
- Designed **responsive web pages** for **smart phones, tablets, and desktops** using **HTML5, CSS3, Bootstrap, jQuery, React HOC, Redux & React Promises**.
- Improved the **React Observables** using**Redux**, **React-router, and Redux-thunk.**
- Employed **Redux-Thunk** as **middleware** to modify **data types** and handle multiple actions.
- Utilized **TypeScript modules** to organize and encapsulate code, promoting modularity and maintainability in larger codebases
- Developed back-end **WebAPI** using **MongoDB, ExpressJS, and NodeJS** and established connectivity via Axios.
- Proficient in using **TypeScript** with **React and Next.js**, bringing static typing to the development process, improving code maintainability, and catching potential issues during development.
- Efficiently utilized **React-Router** techniques and **Axios** services to retrieve data from the server in a seamless manner without disrupting the display and user experience.
- Used **ES6, JSX** in combination with **ReactJS** to develop components and enhance code elegance.
- Transpiled ES6 and JSX into JavaScript using **Babel, Webpack, and Gulp**.
- Conducted **Unit Testing** using **JEST** for React components and **Enzyme** and React test renderer.
- Utilized **JIRA** for bug tracking and **JSLint** for ensuring code quality.
- Maintained consistent coding style among developers using **JSLin**t and utilized **GIT** for version control.
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Environment: React.JS, Redux, Axios, ES6, React HOC, React Observables, React Async Await, React Promises, Saga, Thunk, JWT, HTML5, CSS3, Ajax, SASS, MongoDB, Rest, Node.JS, Express.JS, NextJS, NPM, GitHub, Enzyme, JSON, XML, JIRA, Linux, Mac, Babel, JSLint

CITIBank, SFO, CA   **Dec 19-Nov 21**
Front End developer
Description: Worked as a UI Developer with Citibank on Online Banking application This Application provided the 'Account Lists' (types of accounts), 'Account Summary' and 'Account Transactions', 'Fund Transfers'. The application also allowed users to change the account options

such as changing their 'User ID' and 'Password'. This system also allows users to perform all these operations by Mobile Application with their smartphones. The application also allowed users to submit account-related queries to the bank including ordering checks, requesting copies of checks and statements etc.

Responsibilities:
- Experience with **ReactJS** new features like **Error boundaries**, **fragments,** and **new lifecycle methods.**
- Worked with React - props, state, keys, refs, events and fetch API to make calls to the server.
- Used **Redux** for state management. Created reducers with pure functions and actions to dispatch events and stores to maintain the state.
- Worked with **React-Router for routing –** Used BrowserRouter for Web and NativeRouter for mobile.
- Worked with **Redux tools** - react-redux, react-router-redux, redux-thunk, redux-logger and redux-form.
- Used third party react components – react-video, react-typeahead, react-tagsinput, react-datagrid, react-calendar, react-tabs and react-autocomplete.
- Worked with **JavaScript (ES5/ES6/ES7)** - closures, hoisting, prototypes, block scoping, rest, spread, destructuring, classes, promises, iterators, generators, async, await, maps, and sets.
- Used **functional programming** – pure functions, immutable objects, and declarative programming. Used Lodash-FP and redux.
- Used **Babel** for transpilation and **Webpack** for bundling, module injection, and dependencies. Used NPM scripts for build definitions.
- Experience with **Grunt** to perform **minification**, compilation, and linting and **NPM** to maintain package dependencies.
- Worked in **CI/CD** process with **Git, Gerrit, Jenkins, and Google Cloud.**

Environment: React.js, Redux, React-Router, ES5, ES6, ES7, ES8, Webpack, Babel, Gerrit, Git, Jenkins, Google Cloud, Docker, HTML5, CSS3, Bootstrap.

American Airlines, Fort Worth, TX   **July 18- Nov 19**
UI Developer
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:
- **Created SPA (Single Page Application)** by configuring **React-Router**.
- Worked with **props, state, keys, refs, events, default Props and PropTypes**.
- Worked on **Redux** for state manipulations and **Redux Saga** to implement **API requests asynchronously.**
- Designed and implemented **server-side RESTful web services** using **NodeJS** and handled communications to the **client side (React JS)** using **JSON**.
- Developed additional UI Components using JSF and implemented an **asynchronous, AJAX (JQuery)** based rich client to improve customer experience.

- Developed stored procedures, **Triggers and functions** in Oracle 10g to process the trades using **PL/SQL** and mapped it to Hibernate Configuration File and also established data integrity among all tables.
- Developed certain features of the application functionality i.e. **CRUD** (Create, read, update, delete) features using ExpressJS**, NodeJS and Firebase**.
- Used **React Router Redux** to store the route parameters in the **Redux store**.
- The **Redux-Thunk middleware** was used with the **Redux** store to retrieve contract data via a **RESTful API** implemented on the backend in **NodeJS and MongoDB**.
- Used **ES6, ReactJS, Flux, Babel, Node and Web-Pack** to create a **SPA**.
- Developed user interface using JSP, **HTML, XHTML** and **JavaScript** to simplify the complexities of the application. Good knowledge in Twitter Bootstrap and Responsive Design.
- Conducted software builds using **Subversion** in a windows environment via Cruise Control.

Environment: ReactJS, Redux, ES6,React-Router,Javascript, HTML5, CSS3, Ajax, SASS, REST, Node.JS, Grunt, Gulp, GitHub, JSON, XML, Linux, JSLint

Sherman Health Systems Inc - Elgin, IL   **May 16-June 18**
UI Developer
Description: Sherman provides healthcare services to improve service delivery and patient outcomes. Sherman works with leading healthcare insurers to better coordinate care, reduce healthcare costs, and improve long-term health. The online portal allows members and brokers to look for information about health care plans. Members can enroll in an insurance plan using an online portal. It has a payment module, report module, etc. This web portal allows members to view the claims, change Doctors, and add new services.

Responsibilities:
- Responsible for creating efficient design and developing User Interaction screens using **HTML5, CSS3, JavaScript, jQuery AJAX and JSON**.
- Analyzed requirements and designed the task flow using flow charts and designed flow between pages of the UI.
- Designed and developed code using HTML/HTML5, XHTML, CSS/CSS3, DOM and DHTML.
- Utilized JavaScript and JQuery to improve the overall design and to update a portion of a GUI page thus reducing bandwidth usage and load time for web pages to get user input and requests.
- Worked in the development and adherence of User Interface look/feel, schemes, and layouts.
- Prepared and defined required tasks, estimating durations for tasks, sizing team for allocation effort for all phases of SDLC, deliverables, and other digital activities.
- Responsible for ongoing technical maintenance and support for assigned applications.
- Analyzed, debugged, and revised existing system logic difficulties and documentation as necessary.
- Designed and created standards-compliant web pages that are interactive, attractive, and intuitive.
- Created HTML pages from mockups and visual wireframes, working closely with the design/product team.
- Used CSS3 Sprites to decrease the number of HTTP requests and increase the load time of web pages.

- Produced semantically appropriate, standards-compliant markup, and produced rich user interfaces.
- Used JavaScript and jQuery for validating the input given to the user interface.
- Created web content and tested all the websites with multiple browsers, operating systems, and screen resolutions.
- Developed and maintained the layouts using CSS2/CSS3 for all intranet applications compliant with W3C.
- Performed validation of completed sites, which included debugging and testing code.
- 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: DHTML, HTML5, CSS3, XHTML, Linux, jQuery, AJAX and JavaScript.

Cognizant Technologies Solutions, India　　　　　　　　**Nov 2014 to Mar 2016**
Associate

Responsibilities:
- Design, develop, and maintain software applications using .NET framework, HTML, CSS, and jQuery.
- Implement dynamic and responsive user interfaces using HTML, CSS, and jQuery.
- Interact with back-end databases using SQL and retrieve data to display on the front-end using .NET and jQuery.
- Create and modify XML documents to store and transfer data between systems.
- Write efficient and optimized SQL queries to interact with relational databases.
- Collaborate with cross-functional teams to implement new features and resolve technical issues.
- Develop and maintain .NET applications, ensuring high performance and stability.
- Implement security measures to protect sensitive data and prevent unauthorized access.
- Utilize PHP for server-side scripting and dynamic web development.
- Perform code reviews and contribute to the development of coding standards and best practices.
- Continuously evaluate and recommend new technologies and tools to improve the development process.
- Stay up-to-date with the latest advancements in .NET, HTML, CSS, jQuery, XML, SQL, and PHP technologies.

Environment: HTML, CSS, XHTML, .NET, jQuery, SQL, php, XML