**Manoj Prajapati**

[manojprajapati2991@gmail.com](mailto:manojprajapati2991@gmail.com) [@github](https://github.com/manojvicky)

+91-8302756767 [@linkdin](https://www.linkedin.com/in/manojprajapati1992/)

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| Experienced frontend developer with 8 years of hands-on expertise in creating responsive and visually appealing web applications. Proficient in HTML5, CSS3, JavaScript and React.js. Skilled in crafting intuitive user interfaces and optimizing web performance. Adept at collaborating with cross-functional teams to deliver high-quality products aligned with business goals. Passionate about staying updated with emerging technologies and applying them to create innovative solutions. | PRIMARY SKILLS  React.js  Redux.js  Typescript  JavaScript  HTML  CSS |

**SKILLS**

**Development:** HTML, CSS, JavaScript, React.js, redux, redux-observable, react-hook-form, formik, Nx, web-components, Lit, axios, storybook, Styled-component, typescript, loadash, less, sass, react-query, i18next, react-i18next, moment, DayJs, react-router, observables

**Testing**: Jest, enzyme, chai, mocha, react-testing-library, cypress, playwright, taiko

**VCS:** GitHub, GitLab, bitbucket, git

**Tools**: Jira, RTC, vs-code, confluence

**WORK EXPERIENCE**

NASDAQ

Software Developer Specialist

October 2022 - current

* **Optimized frontend performance** by employing techniques like **code splitting**, **lazy loading**, and **minimizing render-blocking resources**. Ensure applications are fast, efficient, and responsive across various devices and browsers.
* Ensure **code quality** and maintainability by establishing **coding standards**, conducting **code reviews**, and **implementing best practices**. Encourage adherence to **design patterns** and coding conventions
* Proficient in utilizing r**eact-hook-form** effectively to create **dynamic** and **efficient JSON**-based forms. Experienced in implementing **form validation**, handling **form state**, and **managing dynamic form elements** with ease using the React Hook Form library. Dedicated to crafting user-friendly interfaces by dynamically generating forms, offering a seamless and responsive experience for users while ensuring **data integrity** and **validation**.
* Experienced in orchestrating seamless **migrations** of React and React Router from older versions to newer releases. Proficient in assessing codebases, **identifying deprecated** features, and strategizing migration plans to ensure a smooth transition. Skilled in **updating code components**, **addressing breaking changes**, and implementing necessary adaptations to **maintain application functionality** and **performance**. Dedicated to **mitigating risks** and **ensuring backward compatibility** while leveraging the enhanced features and performance improvements offered by the latest versions.
* Worked with NASDAQ UI development community and helped them with **frontend development processes** through **automated generation of React templates**. We used **scripting languages**, **CLI tools**, **NX plugin** and scaffolding techniques to swiftly create **standardized**, **customizable**, **and reusable React templates**. These react templates were following NASDAQ development standards, themes and UI design. We automate various templates like **react** template, **internationalization** template, **git pre-hooks** template, **end to end testing** environment template using **cypress** and **taiko**, **accessibility lighthouse** template, **webpack analyzer** template and **micro frontend** templates.
* Worked with Reference data Manager team to create various features related to asset creation, batch entity edits, Dashboard/widgets for various entities etc. We used r**edux, redux-observable, redux-persist** and context API for state management.

Senior Software Developer

September 2020 - October 2022

* Constantly **contributing** to NASDAQ **internal react components library**. It contains lots of **pure react components** like form components, layout components and chart components which are used by all teams across NASDAQ. I have created various new components like quick navigation, simple table, stepper component, Tabs component, split-view component etc. and fixed a lot of bugs raised by developers.
* Experienced in implementing comprehensive **internationalization** (i18n) and **localization** (l10n) strategies within React applications using **i18next** and **react-18next**. Skilled in configuring and integrating i18next libraries seamlessly, **managing multilingual content**, and implementing **dynamic language switching** based on user preferences. Experienced in **structuring translation** files, handling key-value pairs, and **implementing context-based** localization for personalized user experience.
* Experienced in building **dynamic** and **customizable dashboard applications** using the **rc-dock** library in conjunction with React. Proficient in utilizing rc-dock's powerful **drag-and-drop functionalities** and **layout management** features to create **intuitive** and **responsive** dashboard interfaces. Skilled in **implementing widget-based architectures**, enabling users to **personalize** and **rearrange** components effortlessly within the dashboard.
* Proficient in using **Cypress** for **robust end-to-end testing** solutions. Skilled in leveraging Cypress's powerful features to create comprehensive test suites that ensure the **functionality**, **performance**, and **reliability** of web applications. Experienced in writing clear and maintainable test scripts using Cypress intuitive syntax, enabling efficient **automation of user interactions** and **assertions across multiple browsers**. Dedicated to implementing thorough testing methodologies that enhance product quality, identify potential issues early in the development cycle, and contribute to delivering seamless user experiences.
* Experienced in harnessing the **Lit framework** to craft **powerful** and **efficient web components**. Proficient in leveraging Lit's lightweight and flexible nature to create reusable and encapsulated components, enhancing modularity and maintainability within web applications. Skilled in utilizing Lit's **templating system**, **reactive data-binding**, and **efficient rendering techniques** to develop performant and dynamic UI elements.

MARLABS(NASDAQ)

Senior Software Developer

May 2020 - August 2020

* Experienced in creating **themeable UI components** that allow for effortless theme **switching** and **customization**, enhancing user experiences. Capable of leveraging **CSS variables**, **theme providers**, or context API to maintain consistent design systems while offering users the flexibility to personalize their visual preferences
* Worked with HXSquare team to create a react application which was used to create/issue/transfer non-financial assets like REIT’s, bonds, carbon bonds etc. It has various features like orderbook, matching orders, issued orders etc.

INFOSYS(Telstra)

Senior associate consultant

June 2019 - April 2020

* Worked with myTelstra team to create various screens for postpaid/prepaid recharges, rewards points screens, redeem rewards screens etc.
* Skilled in efficiently **managing global state** by leveraging the **Context API's** lightweight and efficient nature. Experienced in **creating** and **maintaining** global contexts to **share data** across components, simplifying data flow and **reducing prop drilling.**
* Experienced in implementing **error boundaries** as a robust **error-handling mechanism** within React applications. Proficient in leveraging error boundaries to isolate and gracefully **manage unexpected errors** that occur within specific components, **preventing application crashes** and **providing a fallback UI.**
* Experienced in maximizing **code reusability** within React applications through the implementation of **Higher Order Components** (HOCs) and **Render Props**. Proficient in leveraging these **advanced patterns** to create **reusable logic** and functionalities that can be **shared across multiple components**. Skilled in designing HOCs to **encapsulate common logic** or behaviors and Render Props to pass render functions as props, enabling **flexible** and **reusable** component compositions. Capable of abstracting complex functionalities into reusable components, promoting **cleaner code** and enhancing maintainability.

COGNIZANT (State Street)

Programmer Analyst

February 2016 – May 2019

* Worked with Client Platform team (CLP) to manage new and existing client data, documentation, and regulatory requirements, ensuring full compliance with risk and regulatory obligations throughout the entire lifecycle of the client. It provides end to end solutions from initial onboarding to KYC/AML compliance, to client data management & KYC reviews.
* Experienced in leveraging **Redux-Forms** as a robust **form managemen**t solution within Redux-powered applications. Proficient in utilizing Redux-Forms to streamline form development by centralizing form state in the Redux store. Skilled in creating **dynamic** and **highly customizable** forms, handling **form data**, **validation**, and submission through **Redux actions**. Capable of seamlessly integrating Redux-Forms with React components, facilitating efficient **two-way data binding** and **synchronization** between form fields.
* Worked with MYSS Dashboard which provides visual representation of data using various Data visualization techniques in order to communicate information clearly and efficiently.it is using various graphs ex. Bar chart, line chart, pie chart, donut chart etc. to represent data. It provides quick access to business trends and activities, direct interaction with data, predictive business analysis etc.
* Proficient in leveraging **Victory Charts**, a versatile and powerful charting library for React applications. Experienced in utilizing Victory's rich set of components and configurations to create visually appealing and interactive charts, including line charts, bar charts, pie charts, and more. Skilled in customizing chart elements, labels, axes, and tooltips to deliver tailored data visualizations. Capable of handling complex data sets and implementing animations to enhance user engagement.
* Proficient in utilizing **dynamic reducers** to dynamically **load**, **manage**, and **update** store slices or modules based on runtime conditions or user interactions. Skilled in creating adaptable and scalable applications by **dynamically injecting reducers**, allowing for c**ode splitting**, **lazy loading**, and efficient memory usage.
* Proficient in using **Chai**, **Mocha**, and **Enzyme** as robust testing frameworks to write comprehensive **unit tests** for React applications. Experienced in leveraging Chai's expressive **assertion** library alongside Mocha's flexible test structure to create organized and thorough test suites. Skilled in utilizing Enzyme's testing utilities to **render components**, **simulate user interactions**, and perform **assertions on rendered output**, facilitating effective component testing. Capable of writing **clear** and **concise** unit tests that cover various scenarios, ensuring code **reliability**, identifying bugs early in development, and maintaining code quality.

**ACHEIVMENTS**

* Completed AWS cloud practitioner course on a cloud guru.
* Completed course on Docker from Udemy.

**EDUCATION**

BTech

SKIT COLLEGE, Jaipur

2011 - 2015