Derick Park

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Skills

- JavaScript | TypeScript | React | React Query | Redux | ReduxSaga | jQuery | NextJS | HTML5 | CSS3 | ChakraUI | MaterialUI
- Node | Express | NoSQL | SQL | GraphQL | Git | Firebase | Heroku | Cloud Run | Vercel | AWS | StyledComponents | GatsbyJS
- Jest | React Testing Library | Agile Development | Responsive Design | Microservices | REST API | Frontend | Full-Stack

Experience

Frontend Software Engineer II   **Costco**   *Issaquah, Washington*   **06/2023 - Present**

- Spearheaded the migration of the existing Costco e-commerce website (91.4M monthly active users) from Websphere Commerce (WCS) to React using GatsbyJS, Redux Saga, Material UI, GraphQL, Jest, React Testing Library.
- Utilized Redux Saga for state management, enabling smooth data flow and effective handling of asynchronous actions.
- Developed automated test suites using Jest and React Testing Library to ensure the reliability / functionality of React applications.
- Integrated accessibility best practices into web application development workflows, ensuring compliance with WCAG.
- Implemented Logrocket, an application monitoring and debugging tool, across the entire Costco e-commerce platform to gain in-depth insights into user interactions, pinpoint and resolve bugs, and optimize overall website performance.
- Leveraged Material-UI's extensive component library and adhered to atomic front-end practices to expedite the development process, deliver high-quality UI features and improve code maintainability.

Frontend Software Engineer   **Axiom Zen**   *Vancouver, Canada*   **09/2020 - 05/2023**

- Led the design and development of all Toby products: Application (Google Chrome, Firefox, Web) + Landing page using Typescript, React, Redux, ChakraUI, Styled Components, Webpack, Heroku.
- Developed 40+ user features, driving an increase in user base by 186%, and weekly active users by 13%.
- Diagnosed frame drop rates in application and implemented virtualized lists supporting drag-and-drop, increasing fps by 37 at a streamlined 55 fps across all quantities of collection and tabs.
- Architected a scalable design system using ChakraUI and React, which consolidated 25+ stylesheets into 19 highly reusable atomic UI components that improved styling/brand consistency and developer efficiency.
- Implemented a suite of custom React Hooks that abstracted away state management and API handlers to reduce code duplication and improved the application's modularity, maintainability, and scalability.
- Developed and maintained the Redux state management system, utilizing best practices such as middlewares, selectors, actions, and reducers to optimize performance and ensure efficient data flow throughout the application.

Full Stack Software Engineer   **Dapper Labs**   *Vancouver, Canada*   **07/2021 - 11/2022**

- Developed 3 Dapper Labs products alongside a team of 10 using Typescript, React, Node, ChakraUI, NextJS, GraphQL, Firebase.
  1.) Dapper Creator: NFT platform for web3 creators to mint, monetize and build individualized connections with their community.
  2.) Genies NFT platform: NFT platform for users to create, customize, and trade unique avatars' fashion collectibles.
  3.) LaLiga NFT platform: NFT platform for users to collect and trade LaLiga Moments video collectibles.
- Led the development of a comprehensive design system, creating a library of atomic UI components that reduced UI development time by 25% and improved consistency and quality of UI design that streamlined design-to-development workflows.
- Built scalable GraphQL APIs using Express and Firebase that enabled retrieval and seamless updates of user interactions.
- Architected and developed a highly optimized and scalable virtualized list of NFTs on sale for the marketplace page using GraphQL and Apollo, including advanced filtering capabilities to enable efficient data retrieval and enhanced user experience.

Education

Full Stack Certificate   **Hack Reactor**   *LA, CA, USA*   **09/2019 - 01/2020**

- Hack Reactor: Premier immersive software developer program, training full-stack engineers in Javascript. 13-week intensive course covering diverse computer science concepts, 70+ hours per week. Students undertake projects to build portfolios.

Bachelor of Arts   **University of California, Los Angeles**   *LA, CA, USA*   **09/2015 - 06/2019**

- Major in Economics and Minor in Music Industry