Wilson Sie

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○ Github in LinkedIn

SKILLS

Languages - Python, Typescript, Javascript,
Frameworks & Technologies - ReactJS, NodeJS, GraphQL, REST APIs, Prisma, PostgresQL, Git, Docker

EXPERIENCE

Trustana | Software Engineer   June 2022 - Present

Associate Software Engineer

- Played a key role in establishing the company's component library using Storybook that was published as a package via AWS Codeartifact. Built, maintained and migrated existing components from the codebase to the component library to be used across different projects to ensure UI consistency and improve developer efficiency.
- Built a reusable upload interface which supports multiple uploads at once with custom file validations that is connected to AWS S3 on the frontend for asset management.
- Implemented client-side caching using Apollo's cache to reduce the number of API calls made to the backend, improving product search times and user experience.
- Was responsible for setting up and building multiple key services for Sass platforms on the frontend, mainly the Product Management, Internal Admin and Product Catalog portals.
- Wrote automation scripts to improve developer experience and increase work efficiency. This reduced the number of bugs written by automating manual processes and was also used as a measure to scale to the increasing size of the codebase.

Software Engineer Intern

- Researched, documented and performed a proof of concept to integrate localisation software into Saas platform. Also played a key role in integrating localisation software into the Product Information System (PIM) platform in order to serve different users across different countries.
- Contributed to the overall improvement of UX for supplier portal by refactoring how components are displayed and implementing skeleton loaders into website flow.
- Worked in a fast-paced startup that practiced agile software development that required active participation in the requirements gathering, design and development phases. Utilised tools such as Confluence and Jira.

National Kidney Foundation | Web Developer   Aug 2021 - June-2022

Freelancer

- Worked closely with other designers to design and develop reusable email templates to be used for marketing campaigns.
- Worked on email template formatting with frontend tools such as HTML and CSS.

EDUCATION AND CERTIFICATIONS

- University of London
    - B.S. (Hons) Computing and Information Systems
- Certis Cisco
    - Cisco Certified Network Associate (CCNA)

PROJECTS

- Expense Tracker
    - ○ GitHub 🔗 Live link
    - A fullstack application developed with NodeJS and React. This application provides an array of features which include authentication, user profiles, expense tracking, resource planning and budgeting. (Work In Progress)
    - `Typescript` `TailwindCSS` `NodeJS` `Prisma` `PostgresQL` `Docker` `Github Actions`
- Blockchain Signature pad
    - ○ GitHub
    - Utilising the Truffle framework and web3JS, this app provides an interface for users to sign their signature and store it in a local Ethereum blockchain.
    - `Truffle` `Solidity` `Javascript` `React`
- Visual Algo
    - ○ GitHub 🔗 Live link
    - An interactive learning tool that visualizes algorithms used in software engineering.
    - `Reactjs` `Javascript` `CSS3`
- Open weather App
    - ○ GitHub 🔗 Live link
    - An application that leverages on the Openweather API to display the current weather based on user's location. It provides search and filtering paired with a search history feature that relies on localstorage to save entries.
    - `Typescript` `React` `TailwindCSS` `REST APIs`
- Personal Website
    - ○ GitHub 🔗 Live link
    - Personal website of my portfolio containing all of my projects, experiences and past works.
    - `Reactjs` `Javascript` `Sass`
- SpaceX Rockets
    - ○ GitHub
    - A simple web app that consumes the SpaceX GraphQL API and filters them by their launchsites.
    - `Reactjs` `Typescript` `GraphQL` `TailwindCSS`