Wilson Sie

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Github   in LinkedIn

SKILLS

Languages - Python, Typescript, Javascript,
Frameworks & Technologies - React, NodeJS, GraphQL, REST APIs, Prisma, PostgresQL, Rollup, Webpack, Git, Docker, Github Actions,

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.
- Collaborated with designers and product managers to build dashboards that supported data visualization, data filtering, data exporting and generation. Was also involved in setting up numerous projects and pipelines that enabled developers to have a better experience in developing and deploying their code.
- Adopted practices such as caching and debouncing of data to reduce load on the server/browser, reducing cost, improving product search times and user experience.
- Wrote numerous AWS Lambda functions that was orchestrated by a Step function to provide a service that generated product data for customers/vendors. Also worked on improving the flow by leveraging on parallelism in order to reduce the time taken to generate product data.

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 and Javascript.

EDUCATION AND CERTIFICATIONS

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

PROJECTS

- Code Editor
  - GitHub
  - Built in a monorepo, this application serves as a browser code sandbox that is able to compile and execute user input code and judge the output performance. It is used as a tool for me to test algorithms while development.
    Typescript TailwindCSS NodeJS Prisma PostgresQL Docker Github Actions

- Design System
  - GitHub Live link
  - A design system package that provides a set of UI components to reuse across different projects. It is built with React and tested with Storybook. Rollup was used to bundle the package and published to NPM via Github Actions.
    Typescript TailwindCSS Storybook Rollup 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