

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
Associate Software Engineer

June 2022 - Present

- Played a key role in establishing the company's component library using Storybook that was published as a package via AWS Codeartifact.
- Built and maintained reusable components for the component library to be used across different projects to ensure UI consistency and improve developer efficiency.
- Collaborated with cross-functional teams, including designers and product managers, to develop feature-rich dashboards supporting data visualization, data filtering, and data exporting, serving vendors and customers.
- Orchestrated the setup of multiple projects and pipelines, enhancing the development and deployment experience for fellow developers, utilizing Gitlab CICD and bash scripting.
- Implemented optimization strategies, including caching and debouncing, resulting in reduced server load, improved product search times, and cost savings.
- Engineered AWS Lambda functions and APIs orchestrated by a Step function, leveraging parallelism to significantly reduce product data generation time.

National Kidney Foundation | Web Developer
Freelancer

Aug 2021 - June-2022

- Collaborated closely with fellow designers to design and develop reusable email templates, contributing to successful marketing campaigns.
- Applied HTML, CSS and Javascript expertise to ensure seamless email template formatting, resulting in improved click-through rates and user engagement.
- Overcame challenges related to email client compatibility in the development process.
- Engineered responsive design principles to optimize email template content for a diverse range of devices.

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