# Wilson Sie

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Github   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 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                                            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`