Sion Wilks

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Professional Experience

Target, Minneapolis, MN   *September 2022-Present*

Front-end engineer (Invoice Payments team)

- Acquired comprehensive knowledge of the front-end application flow, becoming the team's go-to person for any UI feature, regardless of complexity.
- Designed and implemented a new page for managing user groups, enabling more efficient invoice assignment.
- Developed an ESLint plugin to enhance developer experience within the main UI codebase and reduce code refactoring time.
- Reorganized the team's documentation built with Next.js and Nextra, resulting in significantly faster onboarding times for new developers.

Software Engineer (Shipment management team)

- Collaborated closely with the product manager to align software solutions with business objectives, driving both front-end and back-end design for features enabling internal users to schedule holiday season shipments in advance, with a focus on front-end implementation.
- Introduced 'select all' for shipment selection and an interactive tutorial for user onboarding, driven by my strong interest in UI/UX, which aligned with the product manager's focus on usability, in a functionality-focused team.
- Developed and implemented a vendor profile customization feature, creating backend endpoints, UI functionality, and comprehensive test cases, allowing vendors granular control over shipment specifications.

Personal Projects

Flow Reader

Developed an application to enhance the reading experience by allowing users to upload books in PDF format, automatically generating outlines and storing them in a library. Frustrated by the limitations of existing software, I decided to build my own solution to meet my specific needs. The application leverages Microsoft Edge's read-aloud feature for audio playback with highlighted text. Built using several npm packages such as react-pdf, react-window, and book-cover-3d, despite sparse documentation.

Twitter Clone

Completed a Twitter clone course to understand React Server Components within the Next.js app router. Actively reviewed relevant documentation and added visualization features like light mode and enhanced like button beyond the course content

Markdown Viewer

Built a custom markdown viewer to optimize my development workflow using Microsoft Edge's read-aloud feature. Utilized the @uiw/react-md-editor library for markdown functionality, automatically copying and displaying clipboard content upon load.

Skills

Frameworks: Next.js, React, Type Script, Tailwind, Cypress, Jest/Vitest

Languages: JavaScript/HTML/CSS, SQL (intermediate), Python, Kotlin/Java/Scala,

Dev Tools: Git, GitHub, Figma, IntelliJ, VS studio, Cursor, DBeavor. Postman/Insomnia

Deployment: Vercel, Docker, GitHub Actions

Education

University of Wisconsin-Madison   *August 2022*

B.S. Computer Science, Philosophy Minor

Certificates

CSS for JS Developers by Josh Comeau, Figma Fundamentals by ZTM