SAMANTHA WHELPLEY

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EXPERIENCE

HackerRank   Remote
Frontend Software Engineer II   **APRIL** 2025 – PRESENT
Tech: React | TypeScript | Next.js | Vite | Ruby on Rails | Design Systems | Figma
- Work across large, legacy React/Rails codebases on the Self-Serve team, implementing features and resolving defects for company administration workflows.
- Build key components for **Hiring Plan feature** in a standalone Next.js + TanStack Query codebase, delivering an AI-assisted flow that transforms a user's job description into recommended coding tests and interviews, alongside a cleaner candidate tracking experience.
- Implement frontend components for a **billing status banner** that surfaced unpaid invoices and account lock states, prompting immediate user action and supporting faster invoice resolution and account reactivation.
- Deliver full-stack functionality for an **experiment** enabling free-trial and lower-tier users to preview higher-plan test questions, helping validate content value and inform upgrade conversion strategy.
- Modernize legacy areas by refactoring components from **JavaScript to TypeScript** and migrating **Jest to Vitest**, improving type safety, test speed, and overall code reliability.

VISIMO   Pittsburgh, PA
Software Developer II   **SEPTEMBER** 2023 – **MARCH** 2025
Tech: React | Redux | MUI | Vite | PWAs | Figma | Django
- Managed a team of 5 developers, contributing to sprint planning, task allocation, and budget management, improving coordination and communication with project managers.
- Led the frontend development and maintenance of **NIXN**, a construction risk management platform, transitioning the legacy site from jQuery to an offline-first **Progressive Web App (PWA)** with a React and Apollo Client architecture, supporting over **1000 users** with an average of **500 form submissions** per day.
- Implemented unit testing strategies using **Vitest** across projects, consistently achieving **80%+ code coverage** and ensuring high code quality and reliability.

Software Developer I   **MAY** 2021 – **SEPTEMBER** 2023
Tech: React | Redux | MUI | Figma | Django
- Transformed the UI of a Department of Defense web application by adopting **Material Design principles** and collaborating closely with UI/UX designers through **Figma wireframes**, leading to an increase in **client satisfaction** and further project funding**.**
- Implemented modular, testable, and scalable frontend architecture with **React and Redux**, improving code maintainability and enabling quicker feature rollouts.

SKILLS

<u>Programming Languages:</u> HTML, CSS, JavaScript/TypeScript, Python, Ruby
<u>Frameworks/Libraries:</u> React, React Native, Redux Toolkit (Redux Offline), Apollo Client, MUI, Django REST, Websockets
<u>Tools:</u> Vite, Figma, Git

EDUCATION

University of Pittsburgh, Pittsburgh, PA   **MAY** 2021
Bachelor of Information Science, Minor in Computer Science
- GPA: 3.81/4.00
- Dean's List (7 out of 8 semesters)