

# SAMANTHA WHELPLEY

Frontend Engineer with 4+ years of Experience (React & TypeScript)

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## EXPERIENCE

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[HackerRank](#)

Remote

### Frontend Software Engineer II

APRIL 2025 – PRESENT

*Mid-sized global tech company; platform to technical hiring and coding assessments.*

- **Feature Development:** Contributing to building the Hiring Plans product from the ground up in a standalone Next.js + TanStack Query codebase, owning multiple features including an AI chat interface over 6+ months and leading frontend iterations post-launch based on stakeholder feedback.
- **Revenue Recovery:** Engineered a billing intervention feature targeting unpaid invoices and locked accounts, driving \$1,300+ in recovered revenue within the first 24 hours of release and supporting faster account reactivation at scale.
- **Conversion Optimization:** Delivered full-stack functionality for an A/B test allowing free-trial and lower-tier users to preview premium test questions, where the variant achieved 2x the conversion rate and converted users 2.1x faster than control, rolling out to all customers.
- **Codebase Modernization:** Reducing tech debt through an incremental JavaScript to TypeScript migration and Jest to Vitest conversion across a large feature area, resulting in faster CI runs and improved type safety.
- **Platform Reliability:** Participate in on-call support rotations, triaging and resolving customer-facing issues to maintain platform reliability across company administration workflows.

[VISIMO](#)

Pittsburgh, PA

### Software Developer II

SEPTEMBER 2023 – MARCH 2025

Software Developer I

MAY 2021 – SEPTEMBER 2023

*Small private company; AI-driven software development for federal and private sector clients.*

- **Team Mentorship:** Mentored a team of 5 backend and DevOps engineers on frontend development to increase frontend velocity, serving as the primary point of contact for team concerns and acting as liaison to upper management, while coordinating sprint task allocation and workload distribution across projects.
- **PWA Development:** Led frontend development of NIXN, a construction risk management platform, rebuilding a legacy jQuery site into an offline-first Progressive Web App with a React and Apollo Client architecture — enabling offline form submission for the first time and supporting 1,000+ users averaging 500 form submissions per day.
- **UI Modernization:** Modernized the UI of Coeus, a U.S. Army web application, applying Material Design principles and collaborating through Figma wireframes — contributing to a Phase 1 project valued at ~\$1M and earning a Certificate of Appreciation from the Army Artificial Intelligence Integration Center (AI2C).
- **Code Coverage Achievement:** Established unit testing standards from scratch using Vitest, achieving 80%+ code coverage across projects and setting a quality baseline for the team.

## SKILLS

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HTML + CSS | JavaScript/TypeScript | Python | React | Next.js | Redux Toolkit (Redux Offline) | Apollo Client | TanStack Query | MUI | Django REST | WebSockets | Vite | Vitest | Figma | Git

## EDUCATION

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University of Pittsburgh, Pittsburgh, PA

MAY 2021

**Bachelor of Information Science, Minor in Computer Science**