

# Tyler Grant

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## WORK EXPERIENCE

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### Signos - Software Engineer

July 2025 - Feb 2026

- Led development of a Next.js/TypeScript e-commerce platform with Shopify Storefront API (GraphQL), delivering subscription flows, cart lifecycle management, discounts, and multi-project checkout
- Architected server-side feature flags and A/B testing with PostHog to optimize landing pages, pricing, and navigation conversion
- Contributed to a large-scale Python/FastAPI backend for a metabolic health platform, building Shopify webhooks, subscription billing integrations, and async pipelines processing ~250 glucose readings per user daily
- Developed CMS-driven landing pages with Payload CMS and a dual partner/consumer dashboard supporting subscriptions, health analytics, and 14+ locales

### Sorenson Communications - Software Engineer

December 2022 - July 2025

- Designed and deployed a real-time ASL interpretation platform using React, Node.js, AWS (Lambda, DynamoDB)
- Delivered QR-based interpreter access for in-store accessibility and improved mobile UX authentication flow
- Implemented geofencing, automated billing, and SSO-based enterprise access controls
- Improved user experience with a responsive, mobile-friendly frontend and seamless authentication flow

### Kantata (Formerly Mavenlink) - Software Engineer Intern

May 2022 - August 2022

- Collaborated with 4 interns to build admin panel features in Ruby on Rails and React, including a secure user impersonation tool to enhance QA
- Integrated Salesforce and Slack into the product ecosystem, simplifying customer workflows
- Practiced test-driven development, pair programming, and CI/CD under mentorship from senior engineers

### Zions Bank - Software Engineer Intern

October 2021 - May 2022

- Modernized UI components using Salesforce, JavaScript, and CSS, improving design consistency and usability
- Automated redaction of PII from financial documents, saving manual processing time and increasing compliance

## PERSONAL PROJECTS

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### Balancely - Personal Project

January 2025 - Present

- Built a full-stack personal finance platform using Next.js 16, React 19, TypeScript, PostgreSQL, and Prisma ORM with 97 REST API endpoints and token-based authentication
- Integrated AI/ML capabilities including OCR receipt scanning, voice-to-transaction processing, auto-categorization with user-correction learning, and anomaly detection
- Dockerized and self-hosted PostgreSQL, Garage (S3), OpenWebUI, and the app

### Tyler-Grant.com - Portfolio Website

June 2025 - Present

- Built a full-stack web application with an admin CMS for managing projects, hobbies, contacts, and chat sessions
- Integrated AWS S3 for image storage, NextAuth for authentication, and Nodemailer for contact form delivery
- Built an AI chat assistant, interactive visualizations, and drag-and-drop content tools
- Automated deployment pipeline using GitHub Actions with PM2 process management

### Self Hosted Media & Automation Platform - Full-Stack Infrastructure Development

September 2022 - Present

- Built a Docker-based, self-hosted ecosystem (Plex, Sonarr, Radarr, Home Assistant) with secure reverse proxy access
- Automated home and media workflows via REST APIs, webhooks, and OAuth2 authentication
- Deployed GitHub Actions runners to streamline CI/CD for personal and open-source projects
- Implemented logging, backups, and monitoring tools to maintain uptime and system resilience

## TECHNICAL SKILLS

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**Languages:** TypeScript/JavaScript, Python, C#, Java, C++, Ruby, React, Next.js, Node.js, FastAPI, Rails

**Cloud/Infra:** AWS, Docker, Kubernetes, CI/CD, PostgreSQL, MySQL

**Tools:** Git, Salesforce, Postman, NewRelic/Honeycomb

## EDUCATION

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### University of Utah

August 2019 - December 2022

Bachelors of Science in Computer Science (GPA: 3.8)

- Teaching Assistant for Data Structures and Algorithms, Object Oriented Programming, and Software Engineering I