

Tyler Allen

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Full-stack Web Developer with experience modernizing healthcare and e-commerce platforms. Skilled in JavaScript/TypeScript, React, Next.js, and Node.js, building secure, user-centric interfaces and scalable back-end systems. At Meddkit, launched a two-way messaging app for patient-provider communication and improved patient management workflows. Experienced with AWS and Agile processes to deliver reliable solutions and process improvements.

TECHNICAL SKILLS

Languages: HTML5, CSS3, JavaScript (ES6+), TypeScript, SQL

Front-End: React, Next.js, Redux, Preact, SASS, Bootstrap, Material-UI, Tailwind CSS, Styled Components

Back-End & Databases: Node.js, Express.js, Firebase, Prisma, Drizzle, MongoDB, MySQL, PostgreSQL

DevOps & Tools: Docker, AWS (Amplify, Lambda, RDS, CloudWatch, EventBridge), Git/GitHub, Cloudflare, Jest, n8n, Zapier, ActiveCampaign, Kajabi

CMS & E-commerce: WordPress (Elementor, Oxygen, Kadence), Shopify (including migration and Liquid customization)

Experience

Web Developer

Meddkit | June 2024 – Present

- **Built a two-way messaging web application** (React/Node.js) to enable secure SMS communication between healthcare providers and patients, improving engagement and appointment consistency. Implemented dynamic link authentication for secure patient login.
- **Developed patient management features:** Designed UI for adding/editing/deleting patients and bulk CSV import, streamlining administrative workflows. Added opt-out controls to comply with communication regulations.
- **Implemented account management workflows:** Enabled new users to create or be invited to company profiles, and gave administrators tools to invite/manage organization users.
- **Created user profile settings:** Built pages allowing users to edit contact details and connect Google accounts with proper admin access controls.
- **Architected back-end logic and database schemas:** Defined Prisma schema and server-side endpoints to ensure reliable data flow between client and database.
- **Integrated subscription billing:** Configured Stripe payment processing to allow user sign-up, billing management, and gated access to premium app features.
- **Built support reporting dashboard:** Developed an admin dashboard (Next.js, Prisma, Tailwind CSS) that aggregates third-party API data to provide clients with insights on project hours and usage.
- **Optimized WordPress & Shopify sites for clients:** Customized themes and page-builder elements (Elementor, Oxygen, Kadence) and fine-tuned hosting (Cloudflare, Kinsta) to improve site performance and user experience.
- **Migrated e-commerce platform:** Transitioned a high-traffic store from WordPress to Shopify, fixing technical issues and improving checkout reliability and scalability, resulting in higher sales and faster load times.
- **Collaborated on feature development:** Worked with product teams and clients to plan new features, incorporating feedback to enhance functionality. Authored detailed release notes for seamless client communication on updates.
- **Managed digital marketing integrations:** Set up LinkedIn, Instagram, and Meta ads conversion tracking; linked WordPress content to Shopify products for accurate analytics. Configured site analytics and implemented an AI chatbot to boost user engagement and support.
- **Expanded sales channels:** Implemented wholesale and affiliate platforms on WordPress/Shopify, configuring and integrating them into workflows to support client sales and marketing initiatives.

Web Developer (Contract)

Crispy | January 2024 - June 2024

- **Led front-end development:** Designed and built user interfaces from concept to deployment, focusing on intuitive UI/UX to enhance the AI-powered food search platform.

- **Developed secure back-end features:** Implemented user authentication and designed efficient database schemas to handle user profiles and search data.
- **Ensured data integrity and responsiveness:** Added comprehensive form validation and applied responsive design principles for optimal functionality across devices.
- **Collaborated cross-functionally:** Worked closely with product managers and UX/UI designers to align technology choices (React, Tailwind, etc.) with product goals.
- **Defined scalable tech stack:** Led the selection and setup of the development stack to meet project requirements and future growth.
- **Agile development:** Actively participated in sprint planning, code reviews, and continuous integration to deliver features iteratively and maintain code quality.

OTHER EXPERIENCE

Personal Trainer

Sep. 2018 – Present

- Create and coach personalized fitness programs (in-person and virtual), demonstrating strong client communication, goal-setting, and motivational skills. Stay current on exercise science and wellness trends to ensure effective training guidance.

EDUCATION

Salem State University – *Bachelors of Science, Criminal Justice, GPA: 3.70*

May 2016

Certified Personal Trainer – *American Council on Exercise*

Sep. 2018