

Timothy A. Upchurch

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EXPERIENCE

Software Developer

Current

Freelance

- Created detailed Figma mockups for a mobile app, emphasizing clean UI, accessibility, and seamless UX from browsing to checkout.
- Planned architecture for a cross-platform e-commerce app using React Native with Expo, Supabase, and Square's Web Payments SDK.
- Designed data models and defined API interactions to support real-time order tracking, secure authentication, and robust checkout flows.

Software Developer - Team Lead

September 2021 – March 2023

Engage

Remote

- Utilized HTML, CSS, JavaScript, SQL, and C# to provide custom software solutions to meet the needs of clients, with a focus on scalability and performance.
- Conducted SEO audits and implemented on-page optimization strategies, improving page performance, discoverability, and accessibility.
- Informed by company owners that the first name brought up while discussing new projects was most often mine due to efficient work and ability to learn on the go.

PROJECTS

Single Sign-On (SSO) | C#, HTML, CSS, JavaScript, DNN

- Developed Single Sign-On functionality utilizing YourMembership OAuth, linking the clients external membership provider to the website we developed for them.
- Implemented member-specific features on new pages that required user authentication, exclusively accessible to existing users of their membership provider.
- Successfully delivered a hassle-free integration solution, meeting the client's requirement for effortless user migration from their membership provider to their website, resulting in positive client feedback.

React Native E-commerce App | React Native, Expo, React Query, Supabase, Square, Figma

- Designed and developed a cross-platform mobile application using React Native and Expo to allow customers to order items for pickup or delivery.
- Integrated Square's payment system to securely process transactions, ensuring a smooth and reliable checkout experience.
- Utilized React Query to optimize data fetching, improving app performance and providing a seamless user experience.
- Leveraged Supabase as the backend for authentication, order management, and real-time updates on order status.

EDUCATION

Western Governors University

Salt Lake City, Utah

Bachelor of Science in Software Development

April 2020 – September 2021

SKILLS

Languages: HTML, CSS/SASS, JavaScript, TypeScript, SQL, C#, Elm

Frameworks: React.js, Jest, SPFx, Express, .NET, Bootstrap

Database: SQL Server

Developer Tools: Git, Azure, Google Lighthouse, Webpack, SharePoint, DNN CMS

Libraries: React Query, React Hook Form, React Testing Library, Redux, Framer Motion