

## TECHNICAL SKILLS

**Proficient:** TypeScript, JavaScript (ES6+), React 18, Redux, Next.js 13, Remix, Node.js, Express, GraphQL, REST, SQL, NoSQL, HTML, CSS, Material-UI, Tailwind, Styled Components, Sass/SCSS, Shopify, Hydrogen, Version Control, React Testing Library  
**Experienced:** Accessibility, Chakra-UI, Docker, jQuery, Bootstrap, Jest, Netlify, Firebase, Responsive Design, Webpack

## EXPERIENCE

**MadMadWorld | Software Engineer |** *Developed a bespoke server-side rendered storefront for an online clothing brand, leveraging the power of Shopify, Hydrogen, and Remix.* August 2023 - Current

- Spearheaded the development of a custom Shopify storefront, serving as the sole developer in charge of the project lifecycle.
- Concentrated on optimizing e-commerce user experiences by integrating best practices, such as intuitive product search/filter capabilities, streamlined user interfaces, and an efficient one-step checkout process to significantly boost conversion rates.
- Leveraged Remix's advanced routing and data fetching features, implementing Server Side Rendering, resulting in lightning-fast page load times and superior SEO optimization, enhancing organic traffic and online visibility.
- Adopted agile methodologies for iterative development, fostering a collaborative environment where I regularly engaged with stakeholders to further gather requirements and to deliver frequent updates to the platform.
- Implemented Tailwind CSS, ensuring a consistent, adaptable, and mobile-responsive design for the clothing platform.

**Bitovi | Junior React Developer |** *Software consultation company based out of Chicago, IL., specializing in creating web applications and providing professional development services.* July 2021 - April 2022

- Executed frontend client work for a major American fast food corporation.
- Worked on the development of an internal tool that validated new features, endpoints, and quality enhancement discoveries.
- Enforced TypeScript's strict typing system for early detections of compile-time errors by defining interfaces for state and components. Paired with Airbnb's style guide for improved consistency, readability, and maintainability across the team.
- Implemented the Mock Service Worker library, effectively intercepting data requests at the network level when testing REST and GraphQL endpoints for reduced interference between pods and a greatly sped up testing procedure.
- Translated Zeplin wireframes crafted by the UX team into a captivating user interface adhering to accessibility principles.

**ReactType | Software Engineer |** *A visual prototyping tool for developers employing React component architecture alongside the comprehensive type-checking of TypeScript.* March 2021 - July 2021

- Incorporated React's container pattern to create an application with modularized, reusable components that maintains DRY principles and separates stateful and presentational components for unidirectional data flow from Higher-Order Components.
- Implemented React Hooks in conjunction with the Context API to extract stateful logic from functional components to be reused independently without altering the component hierarchy independently to avoid prop drilling in the application.
- Utilized a Non-Relational Database to store user documents into their respective collections and to take advantage of the flexibility, maintainability, and scalability offered by Non-Relational Databases compared to Relational Databases.
- Optimized the UX with Material-UI's accessibility features by incorporating universal design principles that comply with the WCAG-2.1 AA for improved operability through the implementation of character key bindings for mouse-free usage.
- Product developed and maintained under tech accelerator OS Labs ([opensource.labs.io](https://opensource.labs.io)).

## OPEN SOURCE WORK

- **Sun Co |** *A serverless ecommerce web app built using React, TypeScript, Firebase, and the Stripe API.*
  - Employed Styled Components with modern UI/UX practices for consistency, dynamic styling, and enhanced maintainability.
  - Utilized serverless architecture for scalability on demand, ensuring an uninterrupted performance during traffic spikes.
  - Integrated the Stripe API to enable secure and hassle-free payment processing, offering users a seamless payment solution.
- **Colosseum Combat |** *Full-stack martial arts gym utilizing Server Components of Next 13, TypeScript, Tailwind, and MongoDB.*
  - Designed an intuitive user interface using Tailwind CSS, creating an attractive, user-friendly martial arts gym platform.
  - Incorporated a MongoDB database that contains class schedules, demonstrating an understanding of backend development.
  - Ensured a responsive design, providing an optimal viewing experience across various desktops, tablets, and mobile phones.

## EDUCATION

**California State University East Bay | B.S.** Hayward, CA

## INTERESTS

Mixed Martial Arts | Travel | Exercise & Wellness | Skateboarding | Hiking Griffith Park | Gonzo Journalism | Green Juice | Virtual Reality | Finding the best sushi spot in LA | Reading | Snowboarding | Espresso | St. Jude | Cab Sauv