Edward Park

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TECHNICAL SKILLS

Proficient: TypeScript, JavaScript (ES6+), React, React Router, Redux, Next.js 13, Node.js, Express.js, Git, SQL, NoSQL, MongoDb, Mongoose, Sequelize, REST, HTML, CSS, Material UI, Tailwind, Styled Components, SASS, SCSS, Chakra UI

Experienced: Accessibility, GraphQL/Apollo, Docker, jQuery, Bootstrap, Jest, Netlify, Firebase, Responsive Design, Webpack

PROFESSIONAL EXPERIENCE

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

- E**xecuted 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.
- Utilized Tailwind's design versatility for more control and rapid development, while reducing the number of files to maintain.
- 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.

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

- 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 (opensourcelabs.io).

PORTFOLIO

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.
- Leveraged Firebase to manage real-time data, enabling efficient inventory management, order processing, and analytics.

Colosseum Gym | *Full-stack web app utilizing Server Components of Next 13, TypeScript, Tailwind, and MongoDB.*

- Implemented Server Side Rendering for lightning-fast load times with excellent SEO optimization for high discoverability.
- 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*

RECENT TALKS & ARTICLES

- **TypeScript: Strict Typing Systems, the Missing Piece of JavaScript**
  -A brief history of TypeScript, the argument for static types, a comparison for alternative static type checkers, and potential use cases, and a live demo. Sponsored talk by Single Spout's Speaker Series.
- **ReacType: Collaborate on your next React Project** | *Medium Article*

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 | Mythology | Snowboarding | Espresso | St. Jude | Cab Sauv