

Kolten Edward

Software Engineer

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CAREER SUMMARY

3+ years experience as a Software Engineer. Successfully reduced cross-platform app development time by 31%. Utilized TDD-approach with 3-5 unit tests per function. Raised defects in code reviews, leading to increased software quality and regulatory compliance.

TECHNICAL SKILLS

Languages	Typescript, JavaScript, SQL, HTML, CSS
Frontend	React, Redux, NextJS, Playwright, Tailwind CSS
Backend	AWS, NodeJS, Express, Mocha, Chai, MongoDB, GraphQL, RESTful API, Stripe
Tools	Visual Studio Code, GitHub, Docker, Postman, Git, npm, CI/CD

PROFESSIONAL EXPERIENCE

100Devs

Los Angeles, CA
08/2022 – Current

Software Engineer

Technologies: Typescript, ESLint, React, Redux, NextJS, NodeJS, Express, GraphQL, AWS

- Accomplished a 31% reduction in time spent on cross-platform app development by utilizing Ionic React.
- Independently responsible for building 7 new features, and maintaining 10 others features, with 4 legacy.
- Debugged and added features to production-level codebase utilizing React, Typescript, and GraphQL.
- Identified and fixed defects, increasing software quality and ensuring legal and regulatory compliance.
- Increased code deployment speed by 30% in the first three months through introduction of optimized CI/CD processes.

Frontend Engineer

03/2021 – 08/2022

Technologies: JavaScript, Handlebars, Pug, Bootstrap, jQuery, AJAX, ESLint

- Developed and maintained user-friendly web applications using HTML, CSS, and JavaScript, ensuring cross-browser compatibility and performance optimization.
- Implemented responsive web design principles to create seamless user experiences across various devices and screen sizes, enhancing accessibility and engagement.
- Enhanced user engagement and marketability by implementing moving WEBM backgrounds, creating an immersive and visually appealing UI and UX collaboratively with the client.
- Conducted comprehensive testing using tools like Jest and Selenium, ensuring robustness and reliability of front-end components.

2017-2021: *Supervisor in various depts at Costco Wholesale*

PROJECTS

CouponCatch - couponcatchapp.com

03/2023 – Current

Technologies: Typescript, Ionic React, NextJS, NodeJS, Express, Firebase, Document AI, Stripe

- Developed and implemented MVC architecture in Node Express backend, resulting in 50% improvement in application scalability.
- Streamlined front-end and back-end communication with RESTful web services, resulting in 100% accuracy.
- Employed Cypress into development workflow for unit testing, reducing debugging time and achieving 76% test coverage across the front-end, ensuring robust and reliable code.
- Streamlined user signup process by implementing Firebase Authentication, reducing development time & enhancing security.

CarHub - nextjs-car-rental.vercel.app

07/2019 – 08/2020

Technologies: Typescript, Ionic React, NextJS, NodeJS, Express, Firebase, Document AI, Stripe

- Increased Google Lighthouse SEO score from 79 to 100 using Next.js SSR, resulting in improved user accessibility.

- Modernized the CSS with Tailwind CSS, streamlining the styling process over traditional per-component CSS files, resulting in a 41% reduction in development time and a more maintainable and scalable codebase.
- Consumed Rapid API for vehicle images, adhering to RESTful API best practices, which enabled real-time content delivery, improving user engagement and experience.
- Implemented a mobile-first design strategy using Next.js and Tailwind CSS, ensuring the CarHub application delivers a seamless, responsive user experience across all devices, leading to an increase in mobile user retention

Streamr - kdten.github.io/music-app

05/2023 – 06/2023

Technologies: Typescript, Ionic React, NextJS, NodeJS, Express, Firebase, Document AI, Stripe

- Increased efficiency by choosing Vite for React development, resulting in 42% faster build times and leaner configuration.
- Enhanced user control and interaction with the application by integrating AudioSession API for hands-free experience.
- Utilized Redux state management to provide a customizable listening experience.

EDUCATION

- **Associate of Arts**, North Iowa Area Community College, Mason City, IA