Kristian Fulkerson

Full-Stack Software Engineer

Riverside, CA | 951-227-3742 | kristianf451@gmail.com | My Portfolio | Github | Linked In

TECHNICAL SKILLS

Frontend: Javascript, Typescript, React, Vue3, Hooks, Redux/Pinia, Jest, Cypress, TailwindCSS, Material UI
Backend: Node.js, Express, SQL, PostgreSQL, MongoDB, Mongoose, Prisma, Sanity, Firebase, Supabase,
Additional Skills: Deployment, Agile Project Management, Algorithms, Data Structures, Architecture, Slack, Zoom, Figma

PROJECTS

TripGuide Github | Website

NextJS | Redux Toolkit | TailwindCSS | RTK Query | Prisma | Supabase | Stripe | Priceline API

- Collaborated with a design team on Figma to improve various aspects of the UI/UX and discuss design best practices
- Implemented Redux Toolkit for caching and centralized state management allowing for easy data fetching from multiple external APIs.
- Utilized Next-Auth for user authentication allowing for the most popular OAuth methods as well as Email/Password
- Contributed to other various features including stripe integration, a custom alert context, as well as search and filtering functionality for all booking paths.

Elegant Music App GitHub | Website

React | Redux Toolkit | TailwindCSS | Shazam API | GeoTracking API

- Used React.js with React Hooks to build a dynamic single-page UI that takes advantage of the virtual DOM with modular, reusable components to keep code maintainable and easily understandable for future iterations
- Integrated Shazam Core and Geo Location APIs to dynamically render detailed user input and location information in real time. Utilized the obtained JSON data to allow for persistent music player functionality while browsing other application functionalities
- Implemented Redux Toolkit to maintain a centralized state and keep changes mapped to UI through a complex and dynamic frontend allowing for connection to multiple APIs. Leveraged Redux's scalability for application horizontal growth while minimizing unnecessary rerenders to eliminate inefficient prop-drilling
- Deployed the application with Vercel's built-in CI/CD, live previews, and faster deployment, saving many team hours

Car Marketplace Github | Website

React | Redux Toolkit | TailwindCSS | RTK Query | Node | Express | MongoDB | Mongoose | Stripe

- Communicated between frontend and backend development teams for the entire sprint, leading to seamless development and deployment while maintaining a proper Git and GitHub workflow
- Built a backend using MongoDB and Mongoose to construct a RESTful environment to handle multiple client requests through well-organized routes for increased code readability and maintainability. Configured auth using JWT tokens to authenticate and persist user session state.
- Implemented Redux Toolkit for global state management to keep flow connected through the complex front end, minimizing the prop drilling and unnecessary re-renders.
- Contributed to other functionalities such as creating optimized searching & filtering using debouncing and memorization, stripe integration, utilizing Cloudflare's R2 storage for images, and caching error states.

EXPERIENCE

Phoenix Capital Group, *Irvine, CA - Fullstack Software Engineer* June 2022 - Present

- Assisted in planning, building, and maintaining a customer-facing investor portal that has generated millions of dollars in revenue using Vue3's composition API and MongoDB's web SDK.
- Independently designed, implemented, and maintain an administrative dashboard used as an internal tool across multiple departments. Built with Vue3's composition API and MongoDB's web SDK.
- Communicated cross-department to evaluate specs for a new CRM to replace salesforce

EDUCATION

Javascript Mastery - Master Class Experience, *Graduate, Full-Time, Full Stack Software Development* Jul 2022 - Dec 2022
BloomTech (Lambda School), *Graduate, Full-Time, Full Stack Web Development* Aug 2021 - Mar 2022
University of California, Riverside, *Computer Science* Dec 2018 - Jan 2020