

Joseph Napoleon Ochoa

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TECHNOLOGIES AND LANGUAGES

- Front-End: TypeScript, JavaScript, React, Next.js, Redux Toolkit, Styled Components, HTML, CSS
- Back-End: Node.js, Express.js, SQL, MongoDB, Ruby
- Other: Git, Github, REST API's, OOP, HTTP, Jest

EXPERIENCE

Lyriks | A modern music application that allows users to explore and listen to music.

2022 – 2022

Front-End Engineer - [Lyriks Website](#) [Source Code](#)

Remote

- Architected the structure of the application as team lead which served as foundation for the lifespan of the entire project.
- Used Next.js to reduce time-to-market, SEO support, and the clever server-side rendering to load pages leading to faster page loading times.
- Collaborated with the design team on Figma throughout the development process and discussed different UI/UX perspectives of a well-designed web application.
- Styled the entire application using styled components with accessibility in mind and responsiveness on all devices.
- Integrated Shazam Core API to dynamically render 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.
- Utilized Redux RTK Query to seamlessly fetch data from Shazam Core API and cache data for better user experience.
- Deployed the application with Vercel's built-in CI/CD, live previews, and faster deployment, saving many team hours
- Worked on different branches, making pull requests to resolve merge conflicts and maintain a smooth git workflow.

Filmpire | A Movie Exploration Application

2022 – 2022

Front-End Engineer - [Filmpire Website](#) [Source Code](#)

Remote

- 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.
- 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.
- Utilized Redux RTK Query to seamlessly fetch data from TMDB API and cache data for better user experience.
- Styled application with CSS modules with modern design, responsiveness on all devices, and accessible for all users.

Morrent Car Rental | An online booking system car-renting business

2022 – 2022

Full-Stack Software Engineer - [Source Code](#)

Remote

- Served as team lead delegated tasks to other team members for optimal developer productivity.
- Developed a dynamic web application while keeping in mind all the best UI/ UX practices from a high-fidelity Figma design.
- Used Styled Components to develop a highly custom user interface.
- Developed the backend and frontend payment system using the Stripe to support various payment methods with React, TypeScript, Express.js, MongoDB.
- Implemented Context API with useReducer Hook for global state management to keep flow connected through the complex front end, minimizing the prop drilling, unnecessary re-renders and handling complex state management.
- 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.

SF Bay Area Music Teacher

2013-2019

EDUCATION

JSM Masterclass Experience

2022 – 2023

Full Stack Software Engineering Remote

- Built projects with a global team of intermediate-senior developers and got mentored by GitHub co-star/YouTuber Adrian Hajdin.

Launch School

2020 – 2022

Full Stack Software Engineering

Remote

- Multi-year, mastery-based software engineering curriculum, with progression gated by written exams and live coding interviews to develop problem-solving skills.

San Francisco Conservatory of Music

2014 – 2018

B.M in Classical Guitar Performance

San Francisco, CA

- Recipient of Vincent Constantino Scholarship.