

# ROHIT BHOGAL

## Frontend Software Engineer

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## EXPERIENCE

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### Software Engineer

Jul 2023 - Feb 2024

*Elation Health*

*Remote, CA*

Implemented maintainable and scalable client-side features for onboarding, support, and billing using modern frontend technologies while collaborating closely with a team of engineers, designers, and managers in an agile framework

- Developed dynamic forms using Formik and yup schemas to expedite onboarding for physicians, reduce support inquiries, and streamline billing processes to minimize claim rejections
- Implemented RESTful APIs using the Fetch API and modern libraries such as React-Query and Redux-Query to efficiently handle data fetching and state synchronization
- Developed and implemented a shared wizard/stepper component using React context and custom hooks, streamlining multi-step processes across the app and reducing user onboarding from several days to a few minutes
- Streamlined new React page setup process and reduced the setup time from 1-2 weeks to ~20 minutes by creating a git-patch template and documentation, covering React, Redux, Django routing, legacy, etc. seamlessly
- Integrated Orval-generated React-Query custom hooks and typings to seamlessly integrate AI for customer support, resulting in a notable reduction in support cases

### Associate Software Engineer

May 2022 - Jul 2023

- Built the foundations of new onboarding and billing pages, and for the latter implemented a paginated datagrid to efficiently display and manage large datasets enhancing data visualization, input, and user workflow
- Developed and implemented frontend unit tests using Jest, React Testing Library, and faker, resulting in a significant improvement in code quality and reliability
- Implemented event logging and tracking with Amplitude on the frontend, enabling data-driven decision-making for product optimization

### Freelance Frontend Engineer

Sep 2021 - Sep 2021

*Stanza*

*Remote, CA*

- Enhanced client's mobile app functionality by spearheading the frontend development of an admin tool utilizing React, Redux, bcrypt, and Material-UI, integrated with Spotify and Genius APIs, resulting in a substantial 400% increase in weekly added entries, streamlining content creation and management ([More info here](#))

## PROJECTS

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### Get Fit — React, Redux, React-Router, Firebase, MUI, Chart.js — Project 🔄 GitHub 🔄

Feb 2022 - Mar 2022

- Developed a meal tracking app to calculate and monitor calories, macros, and create personalized meal plans
- Implemented Guest/Google auth while leveraging Redux for state management, and Firebase for data storage
- Engineered tabs and tables to effortlessly manage meal plans, allowing users to add, delete, and customize meals

### Game Save — React, Redux, React-Router, Firebase, IGDB API — Project 🔄 GitHub 🔄

Jul 2021 - Aug 2021

- Designed/developed an app enabling users to explore and bookmark info on game titles sourced via the IGDB API
- Utilized React Slick to present game data, including details, videos, screenshots, and artwork in engaging carousels
- Integrated Twitch OAuth client credentials flow to facilitate login and token retrieval enabling interaction with API

## TECHNICAL SKILLS

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**Languages:** TypeScript, JavaScript, CSS, Sass (SCSS), HTML

**Frameworks:** React, Jest & React Testing Library

**Developer Tools:** GitHub, GitHub Actions, Docker, Jira, Confluence, Figma, Code Artifact, Chrome DevTools, Postman

**Libraries:** Redux, React-Router, React-Query, Redux-Query, Formik, Yup, Mirage JS, Amplitude, Axios, Lodash, Storybook, Webpack, faker, eslint, Material-UI, Yarn, NPM

## EDUCATION

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**Charles W. Davidson College of Engineering, San Jose State University**

*Completed 100 Units towards Bachelor of Science in Biomedical Engineering*

**San Jose, CA**

*Aug 2016 - May 2018*