

# VIPUL KHEDEKAR

## FRONT-END DEVELOPER

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### TECHNICAL SKILLS

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**Languages:** JavaScript ES6, TypeScript, HTML5, CSS3, Sass/SCSS

**Frameworks & Libraries:** React, Redux Toolkit, Tailwind CSS, Styled Components, React Router, Express, Axios

**Technologies & Tools:** Node.js, Git, MongoDB

### WORK EXPERIENCE

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#### Clarity

Oct. 2022 – Present

Front-end Developer Intern

Remote

- Developed **reusable React** UI components to keep the design **scalable, maintainable, and consistent**.
- Streamlined **cross-browser compatibility** by using **polyfills** to fetch data, which increased monthly site visits from older browsers by 8%.
- **Structured** and **split** the monolithic components into smaller **modules** and importing them with **React lazy-loading** technique, which reduced the risk of **bounce** by 32%.
- Helped visually impaired users by facilitating screen reader **accessibility** by coding **semantic HTML/JSX**.
- Established ease of navigation by **routing** nav-buttons on the **404 status** page.

#### Hindustan Petroleum Corporation Limited

Sept. 2020 – Mar. 2021

Project Engineer Apprentice

Mumbai

- Migrated the legacy **CSS** styles to **nested Sass, documented** and **minified** serving optimal structure during development and approx 40% lesser **load times, file size, and bandwidth usage** when in production.
- Gathered inputs from 65 workers to design the app's new look with a team of 4.
- Executed **A/B testing** to decide between two prominent iterations.

### PROJECTS EXPERIENCE

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#### The Top 1% Thrift Club – Marketplace to trade secondhand luxury items

[ [Live Demo](#) ] | [ [Source Code](#) ]

- Improved development experience with **TypeScript** for type safety.
- Introduced **quality-of-life features** such as feedback after the "Take my money" and "Can we talk?" actions, asymmetric image grids, category filter, cart count, mini-scroll, etc to **raise user engagement**.
- Resolved the "Add to cart" and "Delete from cart" **event bubbling issues** by preventing their **propagation** resulting in an optimal process flow.
- Developed a **responsive** view with **Tailwind CSS breakpoints** to boost traffic from tablet users.

#### Mellowic – Discover location-based trending music, lyrics, and artists

[ [Live Demo](#) ] | [ [Source Code](#) ]

- Retrieved location information using a **geolocation API** to display the end user relevant results via **Redux slices**, reducing development time.
- Performed **conditional rendering** between data, loader, and error based on the fetch status with **JavaScript short-circuit evaluation** concept.
- Implemented **loader** and **hover animation effects**, resulting in smooth transitions.
- Added **checks** and **fallbacks** to handle situations where **API endpoints** served undefined data.

#### Pet Flex – Adoption alerts and social media for pet lovers

[ [Live Demo](#) ] | [ [Source Code](#) ]

- Sped up the **load time** by 25% by utilizing the **webP** image format.
- Eliminated all friction associated with accessing the feed by inventing a temporary **guest login feature** in addition to the traditional **authentication**.
- Displayed an **alert** instruction pop-up upon entering less than 3 characters for the **search**.
- Maximized **screen space** by revamping the browser's built-in **scrollbar** for a **modern slim design**.

### EDUCATION

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Watumull Institute Of Electronic Engineering And Computer Technology

Mumbai

Bachelor of Engineering (BE) in Instrumentation