

Vinayak Hegde

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TECHNICAL SKILLS

Languages: JavaScript, SQL, HTML/CSS, Typescript

Libraries & Frameworks : React, NextJS, Redux, Tailwind CSS, Material-UI, Shadcn/ui, Jest, React Testing Library

Additional Skills: Git, Firebase, Responsive Web Development, Cross-browser Compatibility

EXPERIENCE

Front-End Development Intern

Apr. 2023 – Sep. 2023

Happymonk AI Labs

Bengaluru

- Developed **pixel-perfect UI** and **functional pages** from **Figma designs**.
- Implemented new features for the company's main product application. These include **infinite scrolling**, a feature to export tables into Excel from the UI, and the display of **interactive data** on a map using **Mapbox** etc.
- Revamped** the company's website happymonk.co ensuring **full responsiveness** across all devices.

Systems Engineer

Oct. 2021 – Sep. 2022

Infosys Limited

Mangaluru

- Performed **Root Cause Analysis** of issues and **collaborated** with operations and development teams to ensure effective resolution .
- Provided **support** to application users, helped them understand application features, and resolved **data synchronization** issues.

OPEN SOURCE CONTRIBUTIONS

Team Shiksha 🦋

Aug. 2023 – Present

- Developed **customer and admin dashboards** for usage metrics, plan details, and image management.
- Implemented comprehensive **testing** strategy using **Mock Service Worker (MSW)** for **unit and integration tests**, improving code reliability.
- Led **code reviews** and provided **debugging** assistance, enhancing overall code quality and team productivity.
- Boosted **test coverage** to over **90%** by crafting tests for complex scenarios, significantly reducing potential bugs.

RealDevSquad 🦋

Jan. 2024 – April. 2024

- Enhanced UI/UX of task-requests listing page with **filter and sort** features, implementing **URL parameter persistence** and badges for applied selections.
- Collaborated with fellow developers and conducted **code reviews** across multiple repositories.

PROJECTS

Shopz | *React, Firebase, Redux, Material UI*

[Live Link](#) [Code](#)

- Developed a shopping platform allowing users to **add products** to their cart, **search** and **filter** products.
- Implemented user **registration**, **login** and **authentication** using Firebase.
- Utilized **ReduX** toolkit for **global state management**.

Multimedia Converter | *NextJs, Tailwind, Typescript, Git*

[Live Link](#) [Code](#)

- Developed a converter for images, audio, and videos into a wide range of formats.
- Built with NextJS and Typescript, allowing **multiple files conversion** at the same time.
- Implemented **in-browser conversion** with help of **FFmpeg** and **WebAssembly** eliminating server upload.

Movie Search App | *React, HTML, CSS, Javascript*

[Live Link](#) [Code](#)

- Integrated with the **TMDB API** to provide real-time movie data, offering a seamless experience for movie enthusiasts to explore their favorite films.
- Reduced api costs by implementing **debouncing** for search functionality.
- Implemented **unit and integration tests** using **Vitest** and **React Testing Library**, improving code reliability.

EDUCATION

Shri Madhwa Vadiraja Institute of Technology and Management

Udupi, Karnataka

Bachelor of Engineering in Electronics and Communication

Aug. 2017 – July 2021

Jawahar Navodaya Vidyalaya

Uttara Kannada, Karnataka

Class 6th to 12th

July 2010 – May 2017