Vinayak Hegde

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EDUCATION

Shri Madhwa Vadiraja Institute of Technology and Management Udupi, Karnataka
Bachelor of Engineering in Electronics and Communication, 7.2 CGPA *Aug. 2017 – July 2021*

Jawahar Navodaya Vidyalaya Uttara Kannada, Karnataka
Class 6th to 12th, 10th - 9.2 CGPA, 12th(PCMB) - 76% *July 2010 – May 2017*

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 an infinite scroll, 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.

System Engineer Dec. 2021 – Aug. 2022
Infosys Limited *Mangaluru*
- Managed team ticket queue, troubleshooted in a timely manner and escalated to concerned teams when necessary.
- Collaborated with operations and development teams for Root Cause Analysis.
- Assisted application users in understanding the features and resolved data sync issues.

System Engineer Trainee Oct. 2021 – Nov. 2021
Infosys Limited *Mangaluru*
- Got trained on basics of Java and Python
- Learnt basics of DBMS and SQL

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.
- Built the UI with the help of React and Material UI components.

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.

Ace Hunter | *HTML, CSS, Javascript* Live Link Code
- Developed a card game where the goal is to find the Ace from shuffled cards.
- Implemented dynamically changing positions of grid cells using vanilla javascript to randomize the positions of the cards.
- Utilized local storage to retain the game progress.
- Designed responsive layout using CSS grid, flexbox and media queries.

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.
- Implemented debouncing for search to reduce api calls.
- Covered app with unit tests using Vitest and Jest to ensure code reliability and maintainability.

TECHNICAL SKILLS

Languages: JavaScript, SQL, HTML/CSS, Typescript
Libraries and Frameworks: React, NextJS, Tailwind CSS, Material-UI, Redux, GraphQL
Developer Tools: Git, VS Code