Vijay Natarajan

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Professional Summary

Passionate Front-End Developer with hands-on experience building dynamic and visually appealing web applications. Eager to continuously expand my skill set while contributing to impactful, real-world projects. Open to learning new technologies and applying them to drive both personal growth and organizational success.

Technical Skills

- **Web Technologies:** HTML5/CSS3(SASS, SCSS), JavaScript(ES6+), Typescript , DOM Manipulation , Tailwindcss
- **Frameworks/Libraries:** React JS, React-Redux,MUI
- **Developer Tools:** VS Code, Postman
- **Version Control:** Git, GitHub
- **Other Tools:** Slack, Redmine, Figma, NPM , Sovablu
- **Familiar With:** Core Java, MySQL, PostgreSQL

Experience

Front End Developer — Vaken Technologies   Apr 2023 – Present

- Developed and implemented React components using React Router to **enhance navigation UX**.
- Developed user interface components using both React class-based and functional-based components.
- Used React Hooks and other ES6 practices for **improving the readability.**
- Managed the application state values using **Redux and Context API.** Used **Thunk** as middleware for performing async actions and callbacks.
- Collaborated with **UI designers** to create **responsive** and **user-friendly** interfaces.
- Integrated Redux for state management, **optimizing application performance**, and **reducing load time.**

Trainee Engineer— Vaken Technologies   Feb 2023 – Mar 2023

Sovablu is a cloud-based **low-code platform** that lets users build complex business applications without coding. Its **open architecture** and **intuitive UI streamline development**, speed up release cycles, and enhance control over the process.

Projects Created using Sovablu - **CRM** (Customer Relationship Management) , **IT- Management**

Projects

- **Real-Time Chat Application (React + Firebase)** React.js, Firebase Auth and Firestore, Redux, React Router
  - Implemented **Firebase Authentication** for secure login and user session handling.
  - Used **Cloud Firestore** to persist chat messages and user metadata in real-time.
  - Managed global app state using **Redux Toolkit** for handling user and chat data.
  - Created reusable UI components like userCard, Modal, Toast Notification.
- **E-commerce Single Page Application (SPA)** React.js, Tailwind CSS, Framer Motion, React Hooks
  - Integrated Framer Motion for smooth UI transitions and animated elements.
  - Designed and implemented **responsive layouts** using **Tailwind CSS.**
  - Ensured **accessibility and mobile responsiveness** with Tailwind's utility-first approach.
- **Admin Analytics Dashboard** React.js, Recharts, REST API, Tailwind CSS, React Router
  - Created interactive data visualizations using **Recharts** (bar, pie, and line charts).
  - Integrated **RESTful APIs** to fetch and manage user, product, and sales datasets.

Education

Dhanalakshmi Srinivasan Engineering College	Jun 2018 – Jun 2022
BE Mechanical Engineering (CGPA : 8.0/10)	Perambalur , TamilNadu
Swami Matriculation Higher Secondary School	Jun 2016 – Apr 2018
Percentage - 83.16	Keelapalur , TamilNadu