

# Vijay Natarajan

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## Professional Summary

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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

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- **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

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**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 . 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

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- **Real-Time Chat Application (React + Firebase)** React.js, Firebase Auth and Firestore, Redux, React Router
  - Implemented **Firestore 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** for handling user and chat data.
  - Created reusable UI components like userCard, Modal, Toast Notification.
  - Implemented dynamic routing with React Router for login, chat list, and conversation views.

**E-commerce website** React.js, Tailwind CSS, Framer Motion, React Hooks

- Created **reusable** card, slider, and testimonial components for scalability.
- Ensured **accessibility and mobile responsiveness** with **Tailwind's** utility-first approach.

**Admin Analytics Dashboard** React.js, Recharts, REST API, SCSS

- Created interactive data visualizations using **Recharts** (bar, pie, and line charts).
- Integrated **RESTful APIs** to fetch and manage user, product, and sales datasets.

## Education

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**Dhanalakshmi Srinivasan Engineering College**

*BE Mechanical Engineering (CGPA : 8.0/10)*

**Swami Matriculation Higher Secondary School**

*Percentage - 83.16*

Jun 2018 – Jun 2022

Perambalur , TamilNadu

Jun 2016 – Apr 2018

Keelapalur , TamilNadu