

Praveen Raj

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EDUCATION

MEENAKSHI COLLEGE OF ENGINEERING

B.E. IN ELECTRICAL & ELECTRONICS
2018–2022 | CGPA: 8.16 / 10
Chennai, India

SWAMI VIVEKANANDA MATRIC HR SEC SCHOOL

HSC – APR 2018 | 60.75%
SSLC – APR 2016 | 91%
Chennai, India

LINKS

Website:// praveen-raj.vercel.app
GitHub:// [praveen-raj-r](https://github.com/praveen-raj-r)
LinkedIn:// [developer-praveen-raj](https://www.linkedin.com/in/developer-praveen-raj)

SKILLS

Frontend Technologies

React.js • React Hooks • Next.js
JavaScript (ES6+) • TypeScript • jQuery

Routing

React Router

State Management

Redux • Zustand • Context API •
TanStack Query

Styling & UI

Tailwind CSS • Bootstrap
CSS Modules • Styled Components

UI Libraries

ShadCN/UI • Ant Design

Tools

Vite • Webpack • Parcel
GitHub • Vercel • Netlify

CERTIFICATIONS

Ultimate React, Next.js – Udemy
Complete JavaScript – Udemy
Complete Tailwind CSS – Udemy
Namaste React – NamasteDev
Namaste JavaScript – NamasteDev

INTERESTS

Figma • React Native • Flutter
AI & ML • Node.js • Express.js

EXPERIENCE

LCS CONTROLS PRIVATE LIMITED | FRONTEND ENGINEER

May 2023 – Present | Chennai, India

- Developed and maintained highly responsive, modular dashboards and an interactive UI builder using **React.js**, **Tailwind CSS**, and **TypeScript**, significantly improving both usability and maintainability.
- Led the migration from **jQuery** and **Bootstrap** to modern **React.js** and **Tailwind CSS**, reducing development time by **30%** and ensuring consistent, scalable UI design.
- Built the company's landing page featuring **3D models**, animated workflows, and an interactive pricing section, resulting in increased user engagement time.
- Optimized data fetching using **TanStack Query (React Query)**, improving API response times and reducing client-side errors by **25%**.

PROJECTS

CUSTOMIZABLE DASHBOARD BUILDER

ELECTRON | VITE | REACT | REDUX | TAILWIND CSS | TYPESCRIPT

- Built an internal tool with a **drag-and-drop UI** using React-grid-layout for building dashboards and apps.
- Enabled **dynamic querying and resource management**, allowing integration with APIs and databases.

TASK FLOW (JIRA CLONE)

NEXT.JS | CLERK | SHADCN UI | TAILWIND CSS | TYPESCRIPT | NEON DB | PRISMA

- Created a **drag-and-drop Kanban board** similar to Jira for managing and organizing tasks.
- Implemented **real-time collaboration and role-based access control** to support secure multi-user workflows.

COMPANY LANDING PAGE

VITE | REACT | TAILWIND CSS | TYPESCRIPT | REACT THREE FIBER | FRAMER MOTION

- Showcased products with **3D models & animated workflows**, and created dynamic sections such as “What We Do,” “How We Build,” and “R&D.”
- Implemented **smooth animations and routing** to ensure a modern, engaging user experience.
- Set up a scalable structure for publishing **blogs, product updates**, and **research articles**.

TIPPER MONITORING SYSTEM

VITE | REACT | TAILWIND CSS | TYPESCRIPT | RECHARTS | PDFMAKE

- Developed a responsive dashboard with **role-based access control** and dynamic route handling.
- Enforced **read/write permission logic** across modules to maintain security.
- Created **analytical reports** using data tables, charts, and descriptive stats for effective insights.

More projects at praveen-raj.vercel.app | github.com/praveen-raj-r