

# Praveen Raj

praveen-raj.vercel.app | Software Engineer  
praveen1220raj@gmail.com | +91 91769 67767

## 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](https://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 responsive web dashboards and UI builder with **React.js, Tailwind CSS, and TypeScript**, improving usability and performance.
- Led the migration from jQuery & Bootstrap to React.js & Tailwind CSS, reducing development time by 30% and enhancing UI consistency.
- Delivered the company's landing page, integrating 3D models, animated workflows, and interactive pricing sections to enhance user engagement.
- Optimized data fetching and API handling with TanStack Query (React Query), boosting data retrieval speed and reducing 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](https://praveen-raj.vercel.app) | [github.com/praveen-raj-r](https://github.com/praveen-raj-r)