

# Praveen Raj

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## EDUCATION

### MEENAKSHI COLLEGE OF ENGINEERING

BE IN ELECTRICAL & ELECTRONICS  
2018-2022 | CGPA : 8.16 / 10.0  
Chennai, India

### SWAAMI VIVEKANANDA MATRIC HR SEC SCHOOL

HSC - GRAD. APR 2018 | 60.75 %  
SSLC - GRAD. APR 2018 | 91%  
Chennai, India

## LINKS

Work:// Praveen Raj  
Github:// praveen-raj-r  
LinkedIn:// Praveen Raj

## SKILLS

### Frontend Technologies:

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

Routing: React-router

### State Management:

Redux • Context API  
TanStack Query (React Query)

### Styling & UI:

Tailwind CSS • Bootstrap  
CSS Modules • Styled Components

### UI Libraries:

ShadCN/UI, • Ant Design

### Tools:

Vite • Webpack • Parcel  
Github • Vercel • Netlify  
Jest • REST APIs • GraphQL

## COURSEWORK

Ultimate React, Nextjs Course - Udemy  
Complete Javascript Course - Udemy  
Complete Tailwind Course - Udemy  
Namaste React - NamasteDev  
Namaste JavaScript - NamasteDev

## EXPERIENCE

### LCS CONTROLS PRIVATE LIMITED | FRONTEND ENGINEER

May 2023 – Present | Chennai, India

- Developed and maintained responsive web apps using **React.js**, **Tailwind CSS**, and **TypeScript**, improving **page load times by 40%**
- Led the transition from **jQuery** and **Bootstrap** to **React.js** and **Tailwind CSS**, reducing development time and **enhancing UI consistency**.
- Optimized **API handling**, cutting response times by 50% using **TanStack Query** (React Query) for efficient data fetching.
- Built a **dynamic dashboard creator** with **React-Grid-Layout**, **boosting user engagement** through customizable layouts.
- Managed state **efficiently** with **Redux Toolkit**, **reducing complexity** and **improving UI performance**.
- Enhanced **form validation** using **Zod** and **React Hook Form**, **reducing submission errors** and **improving user experience**.
- Developed **reusable UI components** with **ShadCN UI**, ensuring **design consistency** and **easier maintenance**.
- Collaborated closely with backend and UI/UX teams, **leading to a better user experience**.
- Followed **best practices** in code reviews, performance optimization, and accessibility compliance.

## PROJECTS

### CUSTOMIZABLE DASHBOARD BUILDER

ELECTRON | VITE | REACT | REACT-GRID-LAYOUT | REDUX | TAILWIND CSS  
| TYPESCRIPT

- Developed from scratch.
- Developed a **drag-and-drop dashboard builder** using **React-Grid-Layout**, allowing users to customize and rearrange components dynamically.
- Integrated **Redux** for state management, ensuring seamless persistence of user preferences.