Praveen Raj

praveen-raj.vercel.app | Software Engineer
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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.vercel.app**
Github:// **praveen-raj-r**
LinkedIn:// **developer-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

COURSEWORK

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

INTEREST

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** fast, responsive web applications using **React.js, Tailwind CSS, and TypeScript**, improving page load times by **40%**.
- **Led** the migration from **jQuery & Bootstrap** to **React.js & Tailwind CSS**, cutting development time by **30%** and improving **UI consistency** across projects.
- **Optimized API handling** using **TanStack Query (React Query)**, reducing API errors by **25%** and improving data-fetching speed.
- **Built and launched** a **dynamic dashboard creator** as a internal tool.
- **Enhanced state management** with **Redux Toolkit**, reducing unnecessary re-renders and improving UI responsiveness.
- **Developed and maintained** reusable UI components with **ShadCN UI**, reducing development time for new features.
- **Collaborated closely** with **backend engineers** to optimize API integration, ensuring a **seamless data flow** and faster load times.
- **Worked with UI/UX designers** to refine user experience based on feedbacks.
- Actively participated in code reviews, providing feedback on performance, accessibility, and maintainability.

PROJECTS

CUSTOMIZABLE DASHBOARD BUILDER
ELECTRON | VITE | REACT | REACT-GRID-LAYOUT | REDUX | TAILWIND CSS TYPESCRIPT

- **Built a internal tool** with a **drag-and-drop UI**, enabling users to create custom dashboards and applications using React-grid-layout.
- **Integrated dynamic querying and resource management**, allowing users to connect components to APIs and databases, execute queries, and manage data workflows efficiently.

TASK FLOW (JIRA CLONE)
NEXT.JS | CLERK | SHADCNUI | TAILWIND CSS | TYPESCRIPT | NEON DB | PRISMA

- **Drag-and-Drop Kanban Board:** Users can create, manage, and move tasks seamlessly across customizable columns using an intuitive drag-and-drop interface, similar to Jira.
- **Real-time Collaboration & Role-Based Access:** Supports multi-user collaboration with real-time updates, role-based permissions, and comments to streamline team workflows.

WEATHERLY (FORECAST APP)
VITE | REACT| TANSTACK QUERY | TAILWIND CSS | TYPESCRIPT | OPENWEATHER API | RECHARTS

- **Real-Time Weather Updates & Forecasts:** Provides accurate, real-time weather data, including temperature, humidity, wind speed, and a 7-day forecast using an intuitive UI.
- **Location-Based & Custom Search:** Users can get weather updates based on their current location or search for any city worldwide, with dynamic background visuals reflecting weather conditions.

More on **praveen-raj.vercel.app** | GITHUB : github.com/praveen-raj-r