

Raja Kumaran

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Professional Summary

Frontend Developer with **2+ years** of experience building scalable, mobile-first applications using **React.js**, **Next.js**, and modern frontend ecosystems. Recently expanded expertise to the **MERN stack (MongoDB, Express.js, React.js, Node.js)**, capable of designing and developing full-stack web applications. Proven ability to deliver responsive UI/UX, REST API integration, and secure authentication flows. Actively seeking roles as a Frontend Developer / MERN Developer / Full Stack Developer.

Skills

- Frontend: React.js, Next.js, Redux Toolkit, Tailwind CSS, Material UI, React Query
- Backend (Knowledge): Node.js, Express.js, REST APIs, JWT Authentication
- Database (Knowledge): MongoDB, Mongoose
- Programming: JavaScript (ES6+), TypeScript, HTML5, CSS3
- Testing & Quality: Jest, React Testing Library (RTL), ESLint, Prettier
- DevOps & Deployment: Git, GitHub, Docker, Vercel, AWS (Basics)
- Build & Optimization: Webpack, Babel, Code Splitting, Lighthouse
- UI/UX & Tools: Figma, Responsive Design, Accessibility (WCAG), Storybook
- Methodologies: Agile, Scrum, Jira
- Languages Known: English, Tamil

Experience

Software Engineer – Doodleblue Innovations, Chennai, India (Mar 2023 – Present)

- Delivered 6+ enterprise-grade UI modules using **React.js** and **Tailwind CSS**, improving responsiveness by 30%.
- Integrated 20+ RESTful APIs using **Axios**, enabling real-time data exchange and reducing load times by 25%.
- Optimized frontend architecture for maintainability and reduced code duplication by 15%.
- Collaborated with backend and design teams to convert **Figma** designs into production-ready code.
- Performed cross-browser testing and mobile optimization, improving mobile user satisfaction by 35%.
- Ensured secure data handling and session management using **JWT** and HTTPS protocols.
- Contributed to **Agile** sprint planning, code reviews, and weekly demos.

Frontend Developer Intern – Doodleblue Innovations, Chennai, India (Jun 2022 – Mar 2023)

- Built responsive UI components with HTML, CSS, and React for multiple internal projects.
- Improved mobile usability by 20% through media queries and responsive grid systems.
- Participated in code reviews and applied modern frontend practices including hooks and modularization.

- Debugged and fixed UI issues, resulting in 30% fewer support tickets.
- Contributed to documentation and knowledge transfer sessions for new team members.

Education

Bachelor of Computer Applications – Madras University (Distance Education) – 2022 to 2024

Diploma in Electrical and Electronics Engineering – Sankar Polytechnic College – 2008 to 2011

Projects

DIGIGRAIN – AgriTech Platform

- Led frontend for a role-based procurement platform, boosting operational efficiency by 35%.
- Built dynamic dashboards using **React.js**, **Redux Toolkit**, and **Tailwind CSS**.
- Integrated secure login/auth flows with **JWT** and **RBAC**.
- Followed **Agile** methodology and used **Figma** for design collaboration.
- Used **Webpack** optimizations and lazy loading to improve performance by 30%.

MERADOC – Telemedicine Platform

- Designed responsive UI using **React.js**, **Tailwind CSS**, and **React Router v6**.
- Integrated **REST APIs** for real-time appointment booking.
- Implemented role-based dashboards and form validation with **React-Hook-Form**.
- Improved accessibility using **WCAG** and semantic HTML.
- Wrote unit tests with **Jest** and **React Testing Library**.

SANCHU ANIMAL HOSPITAL – Veterinary Platform

- Developed pet care and e-commerce portal using **Next.js** and **Redux**.
- Integrated appointment scheduling and pet health tracking UI.
- Collaborated on UI/UX revamp that led to 25% more time spent on site.
- Ensured 100% mobile responsiveness for all critical features.
- Used lazy loading and dynamic imports to boost page load speeds by 30%.

Personal MERN Projects

TaskPro – Task Management System

- Designed and developed a **full-stack MERN application** for task management with **task creation**, **assignment**, **role-based access**, and **real-time updates**.
- Built secure backend APIs using **Node.js**, **Express.js**, and **MongoDB (Mongoose)** with **JWT authentication** for user sessions.
- Integrated the APIs with a **React.js + Tailwind CSS frontend**, ensuring a responsive and modern UI.
- Implemented **user roles (Admin, User)** with **access control** for task assignment and team collaboration.
- Deployed on **AWS (EC2, S3, Route 53)** with **Docker**, optimized using **lazy loading**, caching, and database indexing.