Raja Kumaran

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Professional Summary

Full Stack Developer with **2.6 years** of proven experience in front-end development (**React.js, Next.js, Angular**) and MERN stack specialization (**MongoDB, Express.js, React.js, Node.js**). Expert in building scalable web applications, integrating REST APIs, implementing JWT authentication, and deploying containerized applications. Strong track record of improving application performance by 30% and reducing load times by 25%. Seeking challenging **MERN Stack Developer or Full Stack Developer** roles.

Skills

- **Frontend Technologies**: React.js, Angular, Next.js, HTML5, CSS3, JavaScript, TypeScript, Redux Toolkit, Tailwind CSS, Responsive Design
- **Backend Technologies**: Node.js, Express.js, REST APIs, JWT Authentication
- **Database**: MongoDB, Mongoose ODM
- **DevOps & Tools**: Docker, Git, GitHub, Webpack, Babel, Jest, Vercel, Render
- **Testing**: Unit Testing, Integration Testing, Jest, React Testing Library
- **Methodologies**: Agile Development, Scrum, CI/CD, Code Reviews
- **Languages Known**: English (Fluent), Tamil (Native)

Experience

Software Engineer – Doodleblue Innovations | Chennai, India | Mar 2023 – Aug 2025

- Delivered 6+ enterprise-grade UI modules using **React.js** and **Tailwind CSS**, improving responsiveness by 30%.
- Integrated 100+ 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.
- Implemented comprehensive cross-browser testing and mobile optimization, increasing 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.
- 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

Certifications

The Complete Full Stack Web Development Bootcamp | Udemy – Dr. Angela Yu | [View Certificate](#)

Projects

DIGIGRAIN – AgriTech Platform

Technologies: React.js, Redux Toolkit, Tailwind CSS, JWT, RBAC, Webpack

- 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**.
- Used **Webpack** optimizations and lazy loading to improve performance by 30%.

MERADOC – Telemedicine Platform

Technologies: React.js, Redux Toolkit, Tailwind CSS, React Router v6, Rest Apis, Jest

- 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**.
- Wrote unit tests with **Jest** and **React Testing Library**.

SANCHU ANIMAL HOSPITAL – Veterinary Platform

Technologies: Next.js, Redux, Responsive Design, Performance Optimization

- Developed pet care and e-commerce portal using **Next.js** and **Redux**.
- Integrated appointment scheduling and pet health tracking UI.
- Ensured 100% mobile responsiveness for all critical features.
- Used lazy loading and dynamic imports to boost page load speeds by 30%.

Personal MERN Projects

Full Stack Portfolio Website
Technologies: React, Express, Mongo DB, Tailwind CSS, Nodemailer

- **MongoDB & Express.js** for storing and managing contact messages.
- **React** frontend with **Tailwind CSS** for a modern, **responsive UI**.
- Deployed full-stack application on **Render** with **CI/CD pipeline**.

HabitLyst – Habit & Expense Tracker Web App
Technologies: Next.js, React, MERN Stack, Passport.js (Google Login), Express.js, MongoDB, PWA

- Built a full-stack habit & expense tracking platform with **Next.js and MERN stack**.
- Implemented secure **authentication** using Google Login via Passport.js and session-based user management.
- Added **PWA** support enabling offline access and home-screen installation.
- Developed **RESTful API**s and optimized **MongoDB** schemas for efficient data handling.
- Used hybrid **rendering** in Next.js: **SSG** for marketing pages, **SSR** for dashboards, and **CSR** for interactive features.