

Uthayakumar Kandavel

📍 Erode, Tamilnadu ✉ k.uthayakumar03@gmail.com ☎ 9025785058 in linkedin.com/in/uthayakumar-kandavel

Professional Summary

Results-driven Frontend Developer with 3+ years of experience in building and optimizing scalable web applications. Proficient in React.js, Next.js, and TypeScript, with expertise in performance optimization, SEO, and user experience improvements. Skilled in component reusability, state management (Redux, Context API), API integrations (REST, GraphQL), and server-side rendering (SSR, SSG). Adept at writing clean, testable code, improving application efficiency, and mentoring teams for seamless development. Passionate about code quality, scalability, and delivering high-performance applications.

Professional Experience

Software Developer

ConcertIDC (Sep 2021 – Present)

- **Optimization:** Enhanced front-end performance with ReactJS, slashing load times by 35%, elevating user retention by 25%, and increasing accessibility.
- **SEO Strategy:** Implemented SEO best practices across projects, driving a 40% rise in organic traffic and improving search ranking visibility.
- **Team Leadership:** Mentored junior developers, boosting overall team productivity by 15% and enabling faster feature rollouts.
- **Code Quality and Testing:** Achieved over 90% code coverage through Jest, decreasing bug-related issues by 30% and enhancing software reliability.
- **Agile Contribution:** Facilitated Agile ceremonies, expediting sprint cycles by 20% and ensuring timely project milestones.
- **Standards Compliance:** Led code review processes for ES6 compliance, cutting rework time by 15% and improving long-term maintainability.
- **Project Development:** Created responsive, user-focused applications with Next.js, resulting in a 40% increase in user engagement.

Projects

CardioOne (Next.js, Redux Tool Kit (RTK) Query, Tailwind CSS, Jest)

(Aug 2024 – Feb 2025)

- Refined the user interface, ensuring a seamless and responsive design for an enhanced user experience.
- Developed Jest test cases, improving test coverage and reducing bugs.
- Increased maintenance efficiency by 25% through improved code reliability and streamlined debugging.
- Collaborated with backend developers for API integration and troubleshooting small backend-related issues, ensuring seamless data flow.

Groot (Next.js, Prisma, Tailwind CSS, Shadcn)

(May 2024- Jul 2024)

- Learned and implemented Prisma ORM for efficient database interactions, reducing server response time by 30%.
- Gained hands-on experience with Next.js, applying best practices for server-side rendering and performance optimization.

- Developed a modern UI using Next.js and Tailwind CSS, enhancing overall user experience.

My Orthopedic Problem (React.js, Bootstrap, Easy Peasy, Axios)

(June 2022- April 2024)

- Supported the production release, helping to final test, debug, and ensure smooth deployment with minimal post-release issues.
- Implemented search engine optimization (SEO) strategies, leading to a 40% increase in organic search traffic.
- Worked closely with UI developers, ensuring pixel-perfect implementation of designs and resolving UI-related issues for a smoother user experience.
- Optimized API performance using Axios, reducing data fetch latency.
- Implemented WebSockets for real-time chat, enhancing provider-patient communication since it is a healthcare project.

Wallet (React.js, Material UI, Redux, Axios)

(Jan 2022- May 2022)

- Designed a modern and responsive UI using Material UI.
- Developed a responsive front end using ReactJS, achieving a 20% faster load time and enhancing user interaction for efficient transactions.
- Integrated a payment gateway, enabling secure and seamless transactions, reducing payment failures by 15%.
- Implemented Redux for state management, ensuring smooth handling of user wallet balances and transaction histories.

Technologies

Languages: JavaScript, TypeScript, HTML, CSS, SASS

Frameworks Libraries: React.js, Next.js, Bootstrap, Material UI, Tailwind CSS, React Bootstrap

Testing: Jest, React Testing Library

Developer Tools: Git, VS Code, npm, yarn

Technologies: Redux, Redux Thunk, Redux Toolkit, RTK Query, styled-components, moment, yup, React Hook Form, Formik, Easy Peasy, axios

Education

Bachelor of Science in Software Systems
2018 - 2021

Kongu Engineering College
CGPA: 7.63

Higher Secondary Certificate (HSC)
2018

Sagar Vidhya Bhavan
Percentage: 68.92%

Secondary School Leaving Certificate (SSLC)
2016

Sagar Vidhya Bhavan
Percentage: 82.6%