Thayammal Keerthana

Frontend Developer

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SUMMARY

Frontend Developer with 3+ years of experience building responsive web applications using React.js, JavaScript, Next.js, and UI frameworks. Delivered 45% application performance improvements and 50% load time reductions. Creates user-friendly interfaces with clean, scalable code. Experienced in Agile processes and test automation using Playwright. Demonstrates problem-solving abilities and team collaboration for successful project delivery.

SKILLS

Technical Skills: JavaScript (ES6+), TypeScript, HTML5, CSS3, React.js, Next.js, Vite, Redux, Redux-Thunk, webpack, Bootstrap, Ant Design, Material UI, Tailwind CSS, Node.js, Express.js, MongoDB, MySQL, Playwright.js, Git, GitHub, Postman, Vercel, Netlify, VSCode, JIRA, Agile Methodology

Soft Skills: Problem Solving, Communication, Team Collaboration

Languages Known: Tamil, English, Hindi

WORK EXPERIENCE

Associate Software Developer
Mitrahsoft Solutions Private Limited   *May 2022 – Present*

- Built scalable web applications using React.js and Next.js across high-impact projects, achieving 45% interface performance gains

- Optimized frontend through state management and rendering enhancements, reducing application load times by 50% and boosting user engagement metrics

- Worked with cross-functional teams of 8+ UI/UX designers and backend developers to deliver 20+ user-centric features with seamless API integration and 100% on-time completion

- Coached junior developers and led training sessions on React ecosystem and JavaScript, raising team code quality scores by 30% and decreasing bug resolution time

PROJECT WORK

Presentation-Based Product - Automation Tester   *Mar 2024 – Present*

- Created Playwright test suites for web/desktop presentation platform with cross-browser compatibility using TypeScript
- Automated 50+ user workflows achieving 95% test coverage and reducing manual testing time by 80%

Technologies: TypeScript | Playwright | Testing

Report Management Application - Full-Stack Developer   *Jun 2023 – Feb 2024*

- Designed the reporting dashboard handling 100,000+ nested JSON records using Next.js, Tailwind CSS, and TypeScript
- Accelerated report generation speed by 70% through virtualization techniques and optimized data processing

Technologies: Next.js| TypeScript | Tailwind CSS | Node.js | MongoDB

Conference Management Platform - Lead Frontend Developer   *Mar 2024 – Feb 2025*

- Launched web platform for 50+ institutions managing conferences with access to 10,000+ documents, videos, and PDFs using React and Redux
- Integrated e-commerce module with 500+ products generating significant platform revenue

Technologies: React | Redux | Ant Design

Weight Loss Application - Mobile & Web Developer *Aug 2022 – May 2023*

- Developed cross-platform social application (Web, Android, iOS) serving 10,000+ users with content posting, messaging, and social authentication using React and React Native
- Engineered user profiles supporting 5,000+ users with real-time chat handling 1,000+ daily messages plus admin moderation panel

Technologies: React | React Native | Redux Thunk

EDUCATION

Bachelor of Engineering in Computer Engineering

Unnamalai Institute of Technology (Anna University) *2018 – 2022*

GPA: 8.1/10