

Seenivasan Thiruppathi

Frontend / Full-Stack Developer

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PROFESSIONAL SUMMARY

Detail-oriented Frontend / Full-Stack Developer with 3+ years building responsive, accessible web applications using JavaScript, TypeScript, React.js, Next.js, Node.js, MongoDB, TailwindCSS, and Redux. Experienced in SSR/SSG, RESTful API design. Proven record of improving performance, accelerating feature delivery, and contributing to backend services and system architecture.

TECHNICAL SKILLS

Languages & Frameworks: JavaScript (ES6+), TypeScript, React.js, Next.js, Node.js

Databases: MongoDB, Mongoose, MySQL, basic indexing & query optimization

Styling & UI: TailwindCSS, CSS3, HTML5, Bootstrap, Material UI.

State & Data: Redux, RESTful APIs, Axios

Tooling & DevOps: Git, GitHub, Vercel, npm, Vite

Performance: Lazy loading, Code splitting, Lighthouse

PROFESSIONAL EXPERIENCE

Software Developer – Creosen Services Private Limited, Chennai, India.

May 2022 – Present

- Reduced key page load time by **45%** via code-splitting, lazy loading, and WebP image conversion, increasing mobile engagement by **12%** within 3 months.
- Implemented SSR and SSG with Next.js for product and landing pages, improving SEO and increasing organic search impressions by **18%**.
- Designed and developed backend services in Node.js with MongoDB for user profiles, search, and analytics endpoints; optimized queries and added indexes to achieve median API response times $\leq 200\text{ms}$.
- Built a reusable component library with React and TailwindCSS, documented in Storybook, reducing new UI feature implementation time by **35%**.
- Implemented Redux for predictable global state management, reducing state-related defects by **30%** and enabling complex feature flows.
- Developed end-to-end features (frontend + API + DB): designed API contracts and deployed to Vercel/Render. Contributed to a **10%** increase in user retention for feature releases.

EDUCATION

B.E. in Computer Science & Engineering

Dhanalakshmi Srinivasan Engineering College, Perambalur. (2017–2021)

CERTIFICATIONS

Developing Front-End Apps with React - IBM (Coursera) | React Native - Meta (Coursera)