

TAMILSELVAN RANGASAMY

FRONTEND DEVELOPER

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Profile

Frontend Developer with 2+ years of experience developing scalable, maintainable web applications using React, Next.js, TypeScript, and Tailwind CSS. Strong expertise in responsive UI development, state management (Redux, Hooks), SSR/SSG, and performance optimization. Experienced in Agile methodologies, CI/CD pipelines, and delivering high-quality, enterprise-ready applications following best practices.

Technical Skills

- **Languages:** Javascript, Typescript, Python
- **Frontend:** HTML5, CSS3, React, Next.js, Redux, Tailwind CSS, Material UI
- **Backend:** Node.js, Express.js, FastAPI
- **API & Database:** RESTful APIs, MongoDB, MySQL
- **Tools:** Git & GitHub, Vercel, Postman

Professional Experience

Frontend Developer

Nurture Infotech, Erode | Jan 2023- Present

- Engineered and maintained dynamic React/Next.js applications, improving load time by 35%.
- Implemented SSR and SSG in Next.js, improving SEO and first contentful paint (FCP).
- Led mobile-first UI redesign using Tailwind CSS and Material UI.
- Migrated codebase to TypeScript, reducing runtime errors by 45%.
- Managed global state using Redux and React Hooks, reducing unnecessary API calls.
- Automated deployments using Vercel CI/CD, reducing release time by 40%.

Projects

AgreedPro - AI Contract Management Platform

Next, React, TypeScript, Tailwind CSS, Git

- Built an AI-powered contract management platform using SSR/SSG for SEO optimization.
- Designed reusable, responsive UI components with Tailwind CSS.
- Integrated automation workflows to improve user productivity.

DrNexGen - IT & AI Solutions Web Platform

React, Next, JavaScript, REST APIs, Git

- Built SEO-friendly, reusable UI components using modern frontend best practices.
- Optimized application performance using Next.js SSR/SSG, reducing page load time by 35%.
- Implemented lazy loading and code splitting in Next.js, reducing initial bundle size by 30%.
- Ensured cross-browser and cross-device compatibility, decreasing UI-related issues by 20%.

Education

M.E. in Engineering Design, Nandha Engineering College, Erode (2024) - 89.5%

B.E. in Mechanical Engineering, Nandha Engineering College, Erode (2021) - 91.3%

Languages

Tamil (Native), English (Working Proficiency), Japanese (Basic)
