

# TAMILSELVAN RANGASAMY

## FRONTEND / FULL-STACK DEVELOPER (REACT | NEXT.JS | NODE.JS)

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### Profile

Frontend / Full-Stack Developer with 3+ years of experience building production-grade web applications using React, Next.js, and TypeScript. Strong expertise in SSR/SSG, performance optimization, and responsive UI development. Proven ability to deliver scalable, SEO-optimized applications for real-world business platforms.

### Technical Skills

- **Frontend** : React.js, Next.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind CSS, Material UI, Redux, React Hooks, SSR, SSG
- **Backend** : Node.js, Express.js, FastAPI
- **API & Database** : RESTful APIs, MongoDB, MySQL
- **Tools** : Git & GitHub, Vercel, Postman, CI & CD

### Professional Experience

#### Frontend Developer

Nurture Infotech, Erode | Jan 2023- Present

- Worked on multiple client-facing and internal web applications in a team-based Agile environment
- Developed and maintained production-ready React and Next.js applications for business platforms
- Implemented Server-Side Rendering (SSR) and Static Site Generation (SSG) to improve SEO and reduce first contentful paint by ~35%
- Led mobile-first UI redesign using Tailwind CSS and Material UI, improving responsiveness across devices
- Migrated JavaScript codebase to TypeScript, reducing runtime errors by ~45%
- Optimized global state management using Redux and React Hooks, reducing unnecessary API calls
- Integrated frontend components with REST APIs for seamless data flow
- Automated deployments using Vercel CI/CD, reducing release time by ~40%

### Projects

AgreedPro - AI Contract Management Platform

Next, React, TypeScript, Tailwind CSS, Git

**URL:** <https://agreedpro.com/>

- Built a production-ready AI-powered contract management platform to automate legal document workflows
  - Implemented Server-Side Rendering (SSR) and Static Site Generation (SSG) using Next.js to improve SEO and reduce first contentful paint by ~30%
  - Designed and maintained reusable, responsive UI components using Tailwind CSS, improving development scalability and consistency
  - Integrated frontend with backend REST APIs to support contract creation, review, and lifecycle tracking
  - Deployed and maintained the application using CI/CD on Vercel for faster and reliable releases
  - Used by internal teams and early users for managing real-world contract workflows
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## Projects(Continued)

DrNexGen - IT & AI Solutions Web Platform

React, Next, JavaScript, REST APIs, Git

**URL:** <https://drnexgen.com/>

- Developed an SEO-friendly business website using React and Next.js
- Implemented SSR/SSG to improve page load speed by ~35%
- Applied lazy loading and code splitting, reducing initial bundle size by ~30%
- Built reusable UI components aligned with modern frontend architecture
- Integrated frontend with backend services via REST APIs
- Ensured cross-browser and cross-device compatibility, reducing UI issues by ~20%

## Education

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

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

## Languages

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