Sakthi Vignesh



Front-End Engineer | React, Next.js, TypeScript, Design Systems and Performance

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PROFESSIONAL SUMMARY

Front-end engineer with 3+ years building complex React and Next.js interfaces: a 41-screen role-based CRM, high-traffic campaign sites and cross-platform mobile apps. Cares about performance, accessibility and search visibility, and works comfortably from Figma designs to production components.

CORE SKILLS

Core: React, Next.js, TypeScript, JavaScript, HTML, CSS, React Native

UI and design systems: Tailwind CSS, shadcn/ui, Radix UI, Material UI, Mantine, Figma, Canva, responsive and mobile-first layout

State and data: TanStack Query and Router, Redux Toolkit, Formik, Yup, Axios, Socket.IO (real-time UI)

Quality: Core Web Vitals, technical SEO, structured data, accessibility (WCAG), image and bundle optimisation, Git

PROFESSIONAL EXPERIENCE

Full Stack Developer Oct 2024 – Present

Hyperready Technology, Coimbatore, India

- Delivered BWG CRM in React 18, TypeScript and Vite with TanStack Router and Query, Redux Toolkit and Mantine: 16 modules, about 41 screens, 7 role-based access levels, lead allocation, audit logs and real-time Socket.IO notifications.
- Built the customer website, admin panel (CMS), vendor panel and CRM of BookWedGo, a wedding-venue marketplace with 7 client apps, 3 backends, 900+ API endpoints and 25 integrations (Razorpay, BillDesk, AWS S3, Firebase, Google Maps, WhatsApp, Exotel).
- Applied technical SEO and performance practice (server rendering, structured data, image optimisation) so sites stay fast and crawlable.
- Turned requirements from telecalling, sales and operations teams into CRM workflows covering lead qualification, call dispositions, escalation, reassignment and hand-off to partner systems.

Freelance AI Agent Developer 2025 – Present

Vantaverse (independent practice), Remote, India

- Delivered websites and tools for clients: Atreus Physio (SEO-first clinic site, delivered in under a week), Ecopiens (export catalogue, container quotation calculator, AI image tooling), Thallu Vandi Kadai (live street-vendor map in Tamil and English) and Sashvika Cabs (bilingual fare estimator).
- Created PagePilot, an MCP-based Chrome extension and connector that lets Claude operate real browser tabs, with approval gates, site restrictions, a pause switch and action logs.
- Built Vanta Embed Agent and the vanta-agent-embed-sdk (NPM) so developers can configure an AI agent with their APIs and tools, then embed it in any web app.

Software Developer Aug 2023 – Sep 2024

KPR Technology, Coimbatore, India

- Built the React front end of SwingZen, an AI video-analysis app that helps golfers improve their swing.
- Shipped HealthyChamps, a React Native mobile app, after being hired as a React developer and learning the stack on the job.
- Contributed to PDS Vision, an AI model-training application for 3D models (Next.js, Tailwind CSS, shadcn/ui, Python, NestJS).
- Built Time Tracker, a company-wide attendance and task-management app with multi-role login (React, NestJS).

Production Editor (earlier QC Analyst) 2019 – 2023

TNQ Technologies, Coimbatore, India

- Promoted from QC to Production Editor after an internal assessment; managed client communication and delivery schedules for research-article typesetting and publishing.

EDUCATION

B.Sc. Physics, Karpagam Academy of Higher Education (KAHE), Coimbatore 2016 – 2019
Full-Stack Web Development Program, NSchool Academy, Coimbatore 2023

LANGUAGES

English (professional), Tamil (native)