

VENKATESH SUNDARASAN

Full Stack Developer | Expertise in MERN, Next.js, TypeScript, and Scalable Web Applications

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TECHNICAL SKILLS

Programming Languages: Typescript, Javascript, Go Lang

DevOps & Cloud: Github, Vercel, Digital Ocean, CI/CD, AWS Lambda, Docker, Containerization, Railway, VPS, GHCR

Frontend: ReactJS, React Native, Appwrite, NextJS, Bootstrap, Tailwind, MUI, d3Js, Shadcn, Redux, Figma

Backend: NodeJS, ExpressJS, TRPC, Drizzle, Next Auth, Resend, Better Auth, Convex

Databases: Mysql, Postgresql, Nosql, MongoDB, Redis, Planetscale, Xata

WORK EXPERIENCE

Firebrand labs

Oct 2022 - Present

React Native Developer

- Rebuilt the authentication and database setup using **Appwrite** by integrating **Google OAuth** and PostgreSQL for a React Native application, which resulted in a 40 percent improvement in overall performance.
- Implemented **real-time** features using Appwrite and managed complex app state with backend as a service to deliver a responsive and consistent user experience.

Fullstack Developer

- Led development of **8 client websites** and a **SaaS** product from ideation to deployment, aligning technical solutions with user needs through iterative feedback, resulting in **5 long-term retainers** and more engagement growth across projects.
- Leveraged **TypeScript** across frontend (**Next.js**) and backend (Node.js/Express) to build type-safe REST APIs, achieving 50-75% faster data fetching. Automated deployments via **Docker Containerization**, cutting costs by 20% while maintaining strict typing throughout the application lifecycle.
- Built full-stack applications with **Node.js/Express**, leveraging **MongoDB**, **Drizzle ORM**, and **tRPC** for type-safe APIs - accelerating deployment speed while maintaining 100% reliability.
- Developed and deployed **serverless** functions using **AWS Lambda**, improving scalability and reducing infrastructure overhead.
- Created and deployed an internal chat-based AI application using **Openai-SDK** to streamline communication and enhance team productivity.

Frontend Developer

- Developed 10+ **React SPAs** using **Context API** and **Redux** for scalable state management, integrated with REST APIs featuring optimized caching (React Query/TanStack), reducing redundant API calls by 60%.
- Designed user-friendly interfaces in **Figma**, collaborating with teammates to refine UI/UX and ensure smooth user journeys.
- Built **Next.js** applications leveraging **SSR**, **serverless APIs**, and modern UI tools (**shadcn/ui**, **Tailwind CSS**, **MUI**), boosting SEO performance and reducing client-side JS by 60%.
- Solved client's communication challenge by creating a scrollable **3D** cosmos model (**React Three Fiber/Three.js**), making complex concepts instantly understandable to users.

FREELANCE DEVELOPMENT EXPERIENCE

Jun 2022 - Oct 2022

Frontend Developer | Self-Employed

- Designed and developed high-converting **SaaS** landing pages (HTML/CSS/Javascript), from concept to deployment, incorporating **SEO best practices** that improved organic traffic by 60%.
- Led end-to-end client onboarding including **Hostinger** (hPanel) deployment, domain and SSL setup, and performance tuning, reducing go live time by half.

Key Achievement

- Generated **₹50K+** in client revenue through optimized landing pages with strategic CTAs and analytics integration.

LEADERSHIP & ACHIEVEMENTS

- Managed **end-to-end** website projects as Account Manager, handling client communications, design requirements, and development coordination to deliver complete solutions.
- Built strong problem-solving fundamentals through 30+ **LeetCode** challenges, directly improving code efficiency in work projects by significantly.