

SRIRAM VENKATACHALAM

Senior Frontend Engineer · 4+ Years | Bengaluru, India | +91 8838557189 | sriramvenkatachalam.in | sriramvenkatachalam1406@gmail.com | LinkedIn | GitHub

SUMMARY

Senior Frontend Engineer with 4 years building large-scale React and Next.js applications. Focused on performance, component architecture, and developer experience — with experience owning features end-to-end at a 100K+ user B2B SaaS platform. Comfortable leading technical decisions, mentoring engineers, and shipping across the full frontend lifecycle.

TECHNICAL SKILLS

Languages & Frameworks: TypeScript, JavaScript (ES2020+), Next.js, React, Angular, React Native

State & Data Fetching: Zustand, Redux, TanStack Query (React Query)

Styling & UI: Tailwind CSS, Material UI, Design System Architecture, Reusable Component Libraries

Forms & Interactions: Formily, React Hook Form, TipTap (Rich Text Editor)

Testing & Tooling: Playwright (E2E), Figma, Git, Vercel

EXPERIENCE

Senior Software Development Engineer

Dec 2024 – Present

Delta Electronics

Bengaluru

- Architected the frontend for an internal enterprise CRM from scratch — designed a modular Next.js codebase with feature-based separation of concerns, enabling the company to replace third-party CRM licensing with a fully owned platform tailored to internal sales workflows.
- Reduced initial page load time by implementing TanStack Query with request deduplication and selective cache invalidation, replacing redundant API calls and eliminating unnecessary re-renders across high-traffic views.
- Built a dynamic multi-step form system using Formily with conditional field logic and runtime schema validation, supporting distinct business workflows without duplicating component code.
- Streamlined global state management by migrating from ad-hoc context patterns to Zustand slices, reducing state-related bugs and improving predictability across the application.
- Established frontend code review standards and mentored junior engineers on React composition patterns, performant state management, and maintainable architecture.
- Stack:** Next.js, React, TypeScript, Tailwind CSS, Zustand, TanStack Query, Formily, React Hook Form, Material UI, TipTap.

Frontend Engineer II

Nov 2021 – Dec 2024

Brandwatch Technologies

Remote

- Owned frontend development across 3 core product modules of a social media management platform serving 100K+ users — taking features from design handoff through implementation, QA, and production rollout.
- Built and maintained a shared component library in Angular and React used across 4 engineering teams, eliminating duplicated UI logic and cutting estimated new-developer ramp-up time by ~2 weeks.
- Diagnosed and resolved a series of rendering bottlenecks caused by unguarded subscription updates in Angular — reducing heavy dashboard repaint frequency and measurably improving responsiveness on mid-tier devices.
- Implemented Playwright E2E test coverage for 6 critical user flows; caught 3 regressions before production deployment within the first quarter of adoption.
- Collaborated with product and design to refine 2 major UI redesigns, contributing to flow decisions that reduced average steps-to-task-completion for core workflows.
- Contributed to an internal design system — standardising component APIs, design tokens, and usage documentation adopted across the frontend organisation.
- Stack:** Angular, React, TypeScript, Redux, Tailwind CSS, Playwright, Internal Design System.

EDUCATION

Bannari Amman Institute of Technology

Jan 2018 – Dec 2022

BE in Computer Science

CGPA: 9.05

PROJECTS

SmartLedger | React, Tailwind CSS, PostgreSQL, Vercel

Nov 2023 – Dec 2024

- Built a full-stack ERP for petrol bunk management covering inventory, billing, and Tally integration — replacing fragmented manual workflows for day-to-day operations.
- Designed modular React components with reusable form and table primitives, keeping the codebase maintainable across iterative feature additions.
- Deployed on Vercel with a PostgreSQL backend; iterated over 12 months based on real operator feedback.

CaliCalc | React Native, Expo

Dec 2025

- Built a mobile app for tracking endurance competition events — managing participants, performance metrics, and results across multiple competitions.
- Used React Native and Expo for cross-platform deployment with a focus on fast data entry and clean leaderboard views for event-day use.
- Actively used across 4+ calisthenics competitions in gym communities, with continued real-world usage by event organisers for participant and scoring management.