

Shanu Sivakumar

Full Stack Engineer

hello@shanu.dev | Chennai, India | shanu.dev | [github/shanuflash](https://github.com/shanuflash) | linkedin.com/in/shanuflash

Summary

Full Stack Engineer specializing in architecting high-performance enterprise SaaS modules and scalable data-driven applications. Proven expertise in leading complex UI/UX modernizations and engineering secure, real-time infrastructures that drive product growth and monetization within fast-paced environments.

Skills

Languages

TypeScript, JavaScript, HTML, CSS, Sass

Frameworks & Libraries

Next.js, React, Tailwind CSS, Tanstack Query, Drizzle ORM, Redux Toolkit, Radix UI, Better Auth

Tools

Git, Figma, Claude Code, Vercel, Jira, Docker, pnpm

Databases & Services

PostgreSQL, SQLite, AWS S3, Turso, Cloudinary, Supabase, MongoDB, Ably

Experience

SurveySparrow

Frontend Developer

Chennai, India

Aug 2023 - Present

- Spearheaded Mobile-Web Architecture:** Engineered a mobile-web platform from the ground up, featuring a complex drag-and-drop configuration suite; pioneered the implementation of TanStack Query as the primary state engine to handle advanced server-state caching, background synchronization, and optimistic UI updates.
- Modernized Ticketing & Automation:** Architected a total overhaul of the Ticket Management module with parent-child hierarchies, Lexical-based rich text editing, and Round-Robin assignment to reduce resolution times.
- Enhanced Platform UI/UX & Onboarding:** Centralized branding logic, standardized UI components, and built a multi-format attachment viewer to streamline the user onboarding lifecycle and product adoption.
- Drove PLG & Monetization:** Developed end-to-end conversion funnels, including seasonal sale configurations, trial expiration flows, and personalized usage alerts that increased feature adoption and upselling.
- Overhauled Enterprise Infrastructure:** Revamped security with 2FA (Authenticator/Email), strict password policies, and standalone Sandbox environments for secure enterprise-grade testing.

Projects

NextLevel

Next.js, Turso, Drizzle ORM, Better Auth

Engineered a full-stack data pipeline integrating IGDB with a Turso/Drizzle layer; implemented intelligent server-side caching and background cron jobs to synchronize global metadata while optimizing API consumption.

<https://nextlevel.shanu.dev>

Whispr

Next.js, Ably Chat SDK, Tailwind CSS

Developed a real-time anonymous chat platform using Ably SDK for messaging and presence tracking; implemented secure token-based authentication via server-side routes to protect API keys and enable anonymous identity mapping.

<https://whispr.shanu.dev>

React Attachment Kit

TypeScript, React, Radix UI, Vite

Published an open-source npm package for high-performance file previews with ambient canvas blur; engineered a dual-format (ESM/CJS) build pipeline using Vite and Radix UI for accessible, headless component integration.

<https://www.npmjs.com/package/react-attachment-kit>

Education

Saveetha Engineering College

Information Technology

B. Tech.

Chennai, India • 2020 - 2024

Languages

English

Tamil

Hindi

