

Vince Shine Dsouza

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Software Engineer with production experience building enterprise SaaS applications using React, Next.js, Django, and AWS. Interested in backend systems, AI tooling, and scalable infrastructure.

TECHNICAL SKILLS

- **Languages:** Python, TypeScript/JavaScript, C, Java
- **Frontend:** React, Next.js, Tailwind CSS, shadcn/ui
- **Backend:** Node.js, Express.js, Django, REST APIs, GraphQL
- **Databases & Cloud:** PostgreSQL, MongoDB, Firebase, Supabase, AWS (S3, Lambda, Amplify), Docker
- **Design:** Figma, Rive, Photoshop

PROFESSIONAL EXPERIENCE

- **Cocomply** Utah, USA - Remote
Software Engineer Aug 2025 – Present
 - **Core Product Frontend:** Architected and independently built CoComply's entire authenticated web application from scratch (70+ production pages over 1+ year), integrating 80+ backend REST APIs at ~100 ms average response time with no request exceeding 1 s.
 - **Multi-Tenant Support Platform:** Solved a core platform limitation where the main application required a separate deployment per client. Designed a dedicated BFF (backend-for-frontend) layer that enabled a single shared support platform while preserving full client isolation through one-click, fully authenticated, client-specific redirects.
 - **In-House AI Agent:** Built frontend and contributed to backend for CoComply's in-house dashboard-embedded AI agent, enabling in-context AI assistance across the product.
 - **Enterprise & Compliance Impact:** Delivered a SOC2-compliant, production-grade system used daily by enterprise banking clients. Held the highest individual commit share (~67%) across core repositories on the engineering team.
 - **Tech Stack:** Next.js, TypeScript, React, Tailwind CSS, REST APIs, Django, AWS
- **thirdStartup** Bangalore, India - Remote
Product Engineer Jan 2025 – July 2025
 - **Full Ownership Product Delivery:** Owned the complete product lifecycle end-to-end across multiple client-facing solutions: design, frontend, backend, infrastructure, deployment, and DevOps, shipping production-ready systems within 4–6 weeks.
 - **System Architecture & Infrastructure:** Designed scalable system architecture, built full-stack features, and managed deployment infrastructure on AWS to support real-world client usage.
 - **Technical Point of Contact:** Served as the primary technical point of contact, translating business requirements into technical solutions and reducing development iteration cycles by ~35%.
 - **Tech Stack:** Next.js, React, TypeScript, Python, Django, Firebase, AWS

PROJECTS

- **HemoGuard — Real-Time Hypovolemic Shock Detection System:** Built a kernel-level C++ detection engine processing real clinical data (MIMIC-III dataset), achieving a 100% true positive rate; paired with a REST API and a glassmorphic monitoring dashboard. [GitHub] • [Live]
- **Sathi AI — 2nd Place, SNPSU National Level Hackathon:** AI-powered medical report aggregation and assistance platform engineered to run on feature phones (JioPhone / KaiOS), bringing AI-assisted healthcare access to users without smartphones. [GitHub]
- **Scope AI — Low-Cost Legacy Codebase Intelligence Engine:** Indexes and reasons over large-scale legacy codebases to answer technical and project-level queries directly from real repository context, at a fraction of the cost of comparable tools; an early-stage analog to AWS Transform, still in active development. [GitHub]

EDUCATION

- **REVA University** India
Bachelor of Technology in Computer Science; CGPA: 9.4 Expected June 2028