

SANTHOSH SIVAN

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SUMMARY

Full Stack Developer with 3+ years of experience building SaaS platforms and enterprise applications across frontend, backend, database, and reporting systems. Experienced with React, Next.js, Node.js, Java, TypeScript, PostgreSQL, REST APIs, and microservices. Hands-on experience in multi-tenant architecture, RBAC, business workflows, analytics platforms, system integration, production troubleshooting, and performance optimization.

WORK EXPERIENCE

Full-Stack Engineer – RunLoyal, Remote (April 2026 – Present)

- Contributed across frontend, backend, database, and reporting layers of a multi-tenant SaaS platform, delivering end-to-end features and resolving production issues.
- Migrated business-critical reports from myDBR to Apache Superset, reducing report response times to 2–4s for weeks, 6–8s for months, and ~10s for a year of data.
- Built custom dashboards for reports by aggregating API data, with persistent layouts and tenant-aware RLS, while resolving SSO and production reporting issues across workflows.

Full-Stack Engineer – Jobin & Jismi, Thrissur, Kerala (Sep 2023 – April 2026)

- Built a sales-driven SaaS platform supporting shareable catalog-to-approval workflows for sales teams.
- Developed data-driven dashboards by integrating multiple APIs and engineered a 24-hour design album sharing system using Redis TTL, enabling customer views, likes, feedback, and approval tracking.
- Owned Next.js + TypeScript frontend development, delivering reusable components, complex multi-step workflows, API integrations, deployment, and production support.

PROJECTS

Reporting & Analytics Platform (Superset, myDBR, SQL, Java (Spring), AngularJS, Microservices)

- Analytics Architecture:** Integrated Apache Superset into the existing SaaS portal using Superset APIs, guest-token authentication, and tenant-aware Row-Level Security (RLS) for controlled analytics access.
- Reporting Engineering:** Worked with SQL, stored procedures, database views, and reporting APIs to rebuild and troubleshoot business-critical reports across financial, appointment, invoice, sales, and operational workflows.
- Business Logic:** Redesigned reporting logic for complex use cases such as overnight stays, appointment dates, check-in status, and tenant-local date handling, ensuring accurate results across different business scenarios.
- Legacy Integration:** Investigated and resolved myDBR SSO access-control issues, improving authentication and preventing unauthorized report access.

Multi-Tenant SaaS Digital Product Catalog Platform (Next.js, Node.js, PostgreSQL, Docker, Microservices)

- Built a multi-tenant SaaS platform with tenant-level data isolation and hierarchical RBAC (5+ roles, 20+ permissions), onboarding 50+ tenants with secure access control.
- Implemented subscription and plan management with tier-based feature access, enabling SaaS monetization.
- Structured the system using Turborepo and Docker, reducing build times by 40% and ensuring consistent deployments across environments.

Jewelry Manufacturing Management App (React.js, TypeScript, Payload CMS, PostgreSQL)

- Built an end-to-end jewelry manufacturing platform with integrated customer communication and workflow.
- Developed 30+ multi-step forms, approval flows, role-based access, and notification systems.
- Achieved 100%** material traceability, **82%** faster reconciliation, and reduced material loss.

ACHIEVEMENTS

- Winner – PMI Kerala Award 2025** for developing a jewelry manufacturing platform achieving 82% faster reconciliation and 100% material traceability.
- Delivered enterprise-grade NetSuite ERP extension within 28 days of timeline, ensuring rapid client adoption.

SKILLS

- Frontend:** React.js, Next.js, Vue.js, Redux, TypeScript, JavaScript (ES6+), Tailwind CSS, Responsive Design
- Backend:** Node.js, Express.js, Java, Spring Boot, REST APIs, Payload CMS, Supabase, Redis, MCP
- Database:** PostgreSQL, MySQL, SQL, Stored Procedures, Database Views, Prisma ORM
- Architecture:** Multi-Tenant SaaS, RBAC, Microservices, Workflow Systems
- Infrastructure & Tools:** Docker, Git, CI/CD, Linux, Vercel, Render, VPS, Environment Configuration, Agile/Scrum

EDUCATION - B.E. COMPUTER SCIENCE, NSCET-THENI. (2019 – 2023) | 84.3%