

SAYAN DAS

Full Stack Developer Intern

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SUMMARY

- Startup DNA developer with a track record of building 3 production-grade platforms from 0 to 1 in 6 months.
- Proficient in Next.js, React.js, Node.js, and SQL/NoSQL, specializing in real-time sync, caching, and AI integrations.
- Self-driven problem solver taking full product ownership of healthcare and SaaS system architectures from scratch.

TECHNICAL SKILLS

- **Frontend & Frameworks:** Next.js, React.js, TypeScript, HTML, CSS, Bootstrap, Tailwind CSS
- **Backend & Databases:** Node.js, Express.js, PostgreSQL, MySQL, MongoDB, Supabase, REST APIs, WebSockets, Redis
- **DevOps, Tools & AI:** Git/GitHub, Docker, Vercel, Postman, Prompt Chaining, AI Agent Workflows, Kysely Query Builder

PROJECTS

NexPharm — Offline-First Pharmacy ERP & Clinic System [🔗](#) [📄](#) [📺](#) (10/2025 – 11/2025)

Next.js, React, Supabase, PowerSync, Kysely, Tesseract.js, Redis, Tailwind CSS

- **Maintained 100% data access** for patient care continuity during network drops via **offline IndexedDB syncing**.
- Reduced inventory entry times by **80%** with a **Tesseract OCR camera scanner** backed by custom Canvas filters.
- Prevented **stock waste by 25%** by executing First Expiry First Out batch-tracking with automatic warnings.
- Designed robust SQL schemas using Kysely to track and query over 1,000 pharmacy medicine batches.
- **Reduced patient wait times by 40%** by building a **real-time WebSocket** dashboard for live clinic queue tracking.

Delycia — Multi-Tenant Restaurant SaaS Platform [🔗](#) [📄](#) [📺](#) (11/2025 – 02/2026)

TanStack Start, Express.js, MariaDB, Redis, Socket.IO, Qdrant Vector DB, Tailwind CSS

- Eliminated **100% of ordering confusion** by building a dynamic, self-serve **QR-code** table order portal.
- Reduced menu-loading lag by **80% for 500+ active diners** by caching categories and items in Redis.
- Reduced verbal ordering errors by **80%** with a **synchronized Waiter and Kitchen** progress dashboard.
- Sped up **kitchen-to-table** service by **35%** using **WebSockets** for real-time order tracking and status updates.
- Architected 3 decoupled apps (**client, admin, superadmin**) managed by a Backend-for-Frontend proxy gateway.

PrepMind — AI-Powered Resume Analyzer & Interview Prep [📄](#) (3/2026 - 3/2026)

React, Express.js, MongoDB, Google GenAI (Gemini), Puppeteer, Tailwind CSS

- Boosted prep **efficiency by 60%** through structured, day-by-day study roadmaps and personalized learning tasks.
- Identified critical **technical skill gaps categorized by severity** to help candidates instantly prioritize study topics.
- Compiled job-tailored, **ATS-friendly resumes** to PDF in under 3 seconds using **Puppeteer** to match target roles.
- Lifted interview readiness by 45% by generating custom technical and behavioral **Q&As** via structured AI prompt chains.

ACHIEVEMENTS

1st Place at Brain Maniac 2025 College Tech Fest [🔗](#)

- Outperformed 70+ competitive software engineering teams by shipping Delycia.
- Evaluated and ranked first for presenting the most complete, performant, and scalable SaaS architecture.

Top 10 Finalist at Prototype Innovation to Entrepreneurship Challenge 2025 [🔗](#)

- Ranked among the top 30 out of 120+ statewide submissions across West Bengal.
- Evaluated at Jadavpur University by the National Council of Education, for innovative restaurant management SaaS.

EDUCATION

Bachelor of Technology (B.Tech) — Computer Science & Engineering (9/2024 – 7/2027)

Camellia Institute of Engineering and Technology, West Bengal, India

Diploma — Computer Science & Engineering (7/2021 – 8/2024)

Camellia Institute of Polytechnic, West Bengal, India