SANJEEBAN DAS

Full-Stack Software Engineer | TypeScript · React · Node.js · PostgreSQL · AI

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PROFILE

Full-Stack Software Engineer with approximately 2 years of experience building and delivering web applications across React, TypeScript, Node.js, and Java/Spring Boot. Experienced in taking products from architecture to deployment, owning end-to-end development, and building secure, scalable applications. Also developing AI-enabled products, with hands-on experience in backend engineering, database design, and application security.

EXPERIENCE

Learning Crew | Software Developer (Full-Stack) — Remote, Seoul-based startup **Aug 2025 – Sep 2026**

Worked directly with the CEO on product planning; delivered architecture, API design, frontend, backend, and deployment work across three platforms, with 400+ commits on the two largest.

Automotive Dealer Assessment Platform *Oct 2025 – Jun 2026*

Global automotive client · React/TypeScript, Express, MongoDB

- Took over an inherited MVP and became primary developer across two phases; restructured it into a client/server/shared monorepo and took it into live operation with dealers worldwide.
- Built multi-category dealer assessment workflows with draft autosave, evidence uploads, weighted scoring, grade reports, and an admin dashboard with filtering and CSV export.
- Implemented JWT authentication and spec-driven RBAC (3 roles) with SuperAdmin management; added input sanitization, tiered rate limiting, and startup checks for weak secrets.
- Introduced the backend test suite (Jest, Supertest) and completed accessibility and responsive-design passes (keyboard navigation, ARIA, layouts down to 320px).
- Fixed a scoring defect in duplicated logic (one of 8 call sites missed an earlier fix); documented the call sites as a checklist for future changes.

LCHR HR Platform *Jan 2026 – Aug 2026*

Core developer: attendance, leave & access control · Next.js 14, Express, PostgreSQL, Redis, Docker

- Wrote a large share of the attendance and leave features for an internal HR platform used by a ~30-person team (~60 data models, 11 API modules), replacing spreadsheets and third-party tools.
- Built clock-in and break rules, night-work approvals, leave accrual and balance auditing, Korean public holiday data, Excel exports, the company notice board, and Korean/English localization.
- Wrapped multi-step writes in database transactions; closed access-control (IDOR) gaps in several internal APIs before production use, with ownership checks and regression tests.
- Improved performance with indexing, N+1 query fixes, pagination limits, connection pooling, and Redis caching.

Video Crew Portfolio *Aug – Nov 2025*

Solo build · React 18/TypeScript, Express, MongoDB

- Built and deployed the application solo, including 7 API modules, 5 data models, and an admin panel for portfolio CRUD, video uploads, and contact-inquiry tracking.
- Added JWT authentication, login lockout, and CAPTCHA; shipped as a PWA.

EPAM Systems | Junior Software Engineer Intern **Sep 2024 – Jun 2025**

- Built Spring Boot microservices (Spring Security/JWT, Hibernate, MongoDB/MySQL) on AWS in a 6-person agile backend team; wrote JUnit/Mockito tests and participated in code reviews.

INDEPENDENT WORK

ReciPure | Solo Builder **Pre-launch, ongoing**

- Building a cross-platform iOS/Android recipe app (Expo/React Native, Express, Supabase Postgres, RevenueCat) with AI-powered recipe import from links, pasted text, and photos.
- Built structured-output validation with guardrails that reject incomplete AI results, a dual-path job system (async queue with synchronous fallback), SSRF protection for submitted URLs, and server-side subscription checks.

Homegrown | Freelance Software Engineer — Security Audit & Remediation (two-person team)

- Structured a security audit across 11 application domains, using domain-specific vulnerability research to guide codebase reviews of authentication, APIs, database access, storage, payments, and integrations.
- Used Claude Code with repository context to investigate applicable risks and support prioritized remediation; verification included code review, automated checks, and database validation.

TECHNICAL SKILLS

Languages TypeScript, JavaScript, Java, SQL
Backend Node.js, Express, Spring Boot, REST APIs, JWT/RBAC, PostgreSQL, MongoDB, Redis
Frontend / Mobile React, Next.js, React Native, Expo, Tailwind CSS, TanStack Query, Redux
Testing Jest, Supertest, JUnit, Mockito
AI OpenAI API, LangChain, PineconeDB, structured outputs, prompt engineering, guardrails
AI-assisted development Cursor, Claude Code, Antigravity
Cloud / Infra Docker, AWS, GitHub Actions, Vercel, Render, Supabase, Sentry

EDUCATION

B.Tech, Computer Science & Information Technology | SOA ITER, Bhubaneswar · CGPA 8.83 **2021 – 2025**

College project: IntelliDoc AI (Next.js, LangChain, OpenAI, PineconeDB): prototype PDF Q&A using a RAG pipeline with streaming responses.