

RAJWINDER PAL SINGH

Full-Stack Developer

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SUMMARY

Full-Stack Developer specializing in building end-to-end web applications, robust backend architectures, and secure multi-tenant SaaS platforms. Experienced in designing modular codebases, translating complex business requirements (CRM components, automated system workflows) into functional software, and proactively implementing database query optimizations

SKILLS

- **Languages:** TypeScript, JavaScript (ES6+), HTML5, CSS3
- **Backend:** Node.js, Express.js, NestJS, Prisma ORM, RESTful APIs, System Design
- **Frontend:** React.js, Next.js, Tailwind CSS, React Query, Redux Toolkit
- **Database & Caching:** PostgreSQL, MongoDB, Redis, Supabase
- **DevOps & Cloud:** Docker, GitHub Actions (CI/CD), AWS EC2, Nginx, Linux, Cloudflare

EXPERIENCE

Full-Stack Developer | DEVXNEXT CORPORATION PVT LTD (Startup) 2025 – 2026

- Built a modular, multi-tenant SaaS foundation featuring dynamic sub-domain routing and automated SSL provisioning configurations via Cloudflare integration.
- Designed and implemented a core CRM module with functional Role-Based Access Control (RBAC) and ticket management components.
- Implemented secure data isolation layers using PostgreSQL Row-Level Security (RLS) and Prisma ORM, and apply targeted indexing strategies.
- Configured CI/CD automation pipelines using Docker and GitHub Actions, ensuring seamless containerized deployments to AWS EC2 test and staging environments.
- Optimized frontend state synchronization and asynchronous data fetching using React Query, reducing redundant server requests and maximizing interface responsiveness.

KEY PROJECTS

Multi-Tenant Ticket Management System [GitHub/Link]

Node.js, Express.js, Prisma ORM, PostgreSQL, React, Redis, BullMQ, Docker

- Engineered a full-stack ticketing engine leveraging strict organizational data boundaries and database-level structural tenant isolation filters.
- Built an automated Inbound Email Processor capable of parsing structured webhooks, and convert inbound email to tickets .
- Modeled a state-machine ticket life cycle to strictly govern status transitions (Open → In Progress → Resolved), ensuring clean validation of historical ticket metrics and state transitions.
- Containerized the local application topology using Docker Compose to achieve full parity between development and test environments.

EDUCATION

M.Sc. in Information Technology — Doaba College, Jalandhar 2022 – 2024

B.Sc. in Computer Science — Lyallpur Khalsa College, Jalandhar 2019 – 2021