Jay Dabhi

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Professional Summary

Software Engineer with 3 years of experience designing, developing, and optimizing reliable and maintainable software systems. Strong foundation in database engineering, system design, and software architecture. Experienced in backend engineering, API development, database optimization, and building scalable applications using Node.js, TypeScript, PostgreSQL, and Next.js.

Technical Skills

Backend: Node.js, NestJS, Express.js, REST APIs, Swagger, ABAC, Supabase

Database: PostgreSQL, MySQL, MongoDB, Redis, GraphQL

Frontend: Next.js, React.js, TypeScript

Cloud & DevOps: AWS (EKS, SNS, SQS, EventBridge, CloudWatch, Lambda, RDS, EC2), Docker, Git, Bitbucket

AI/ML: OpenAI API, RAG, Vector Search

Experience

Software Engineer, Kitchen 365 – Ahmedabad, Gujarat October 2025 – Present

Multi-tenant B2C SaaS eCommerce platform for US kitchen cabinet retailers, kitchen pros and drop shippers

- Engineering a **Shopify-like multi-tenant SaaS platform** on NestJS, Next.js, TypeScript and PostgreSQL that serves **100+ client storefronts** from a single shared service architecture deployed as a distributed system on **Kubernetes**.
- Implemented **directory-based database sharding** (database-per-tenant) that keeps every client's data fully isolated while routing all traffic through one codebase, removing per-client forks entirely.
- Own **versioned schema management** through a self-maintained shared library of common migrations, entities and DTOs, letting tenants run concurrent schema versions with automated TypeORM rollouts and **zero-downtime onboarding**.
- Designed a **pluggable distributed CRM and accounting connector framework** (Freshsales, QuickBooks) communicating asynchronously over **Amazon SNS topics and SQS queues**, where onboarding a new client is a **configuration change with zero code** — days of integration work down to minutes.
- Built the master-to-tenant catalog sync pipeline that maps products, categories, attributes and inventory while preserving each tenant's customizations through selective field updates and reference tracking.
- Engineered high-throughput catalog generation with streaming JSON writes, atomic file swaps and in-memory metadata caching, serving **large multi-tenant catalogs** without memory exhaustion or write race conditions.
- Automated catalog and content onboarding with **AI-powered pipelines** that generate category, product and landing-page copy in each brand's voice, replacing the manual copywriting pass and sharply reducing effort for the catalog team.
- Delivered core commerce surfaces across admin and storefront services — Redis caching, sales rules, quotes, invoices, shipments and payments (Stripe, PayPal, Clover) — plus tenant analytics aggregating revenue, leads and engagement over **100k+ orders**.
- Built the platform with strong backward compatibility and **successfully migrated 23 clients off Magento** onto the product, **reducing server and deployment cost by 40%** and improving maintainability through reusable, shared components.

Junior Software Engineer, Zerotime Solutions – Ahmedabad, Gujarat July 2024 – October 2025

- Engineered secure, scalable backend systems for multiple live production products using Express.js and NestJS, contributing to architecture design, API development and performance tuning.
- Developed an **AI-powered product review generation platform** using SerpAPI, OpenAI Assistants API, Supabase and Next.js, with **Stripe billing** for recurring subscriptions.
- Integrated **Stripe** for a dynamic SaaS subscription model covering real-time upgrades, downgrades, proration, refunds and cancellations.
- Designed a high-performance feed API for a social networking mobile app with pagination and location-based filters, keeping response times low as the user base grew.

Software Engineer Intern, Zerotime Solutions – Ahmedabad, Gujarat January 2024 – July 2024

- Built secure CRUD APIs for Products, Orders and Users in a production e-commerce application and contributed to its microservices-based architecture.
- Refactored cron job logic for free-tier point-expiry notifications, eliminating redundant executions and improving scheduling precision; resolved critical backend bugs that improved API response times.

Education

Rashtriya Raksha University, B.Tech in Computer Science Engineering October 2020 – July 2024

GPA: 7.92/10.00 — Coursework: Software Engineering, Database Management, Data Structures & Algorithms, Operating Systems, Computer Networks.

Achievements

- Awarded **Employee of the Quarter – Q2 2026** at Kitchen 365 for impact on the multi-tenant platform and client migrations.
- Awarded **Employee of the Month – January 2026** at Kitchen 365.
- Awarded **Employee of the Quarter – Q1 2025** at Zerotime Solutions for outstanding performance. (View Certificate)