

VANSH GANDHI

Software Engineer • Full-Stack

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SUMMARY

Full-stack software engineer with nearly **3 years** shipping production systems across e-commerce, real estate, and IoT domains using **Node.js, React.js, and PostgreSQL/MongoDB**. **Independently architected and led** a data migration platform moving **500,000+ records** across CRM systems (Freshdesk, SalesManago → HubSpot) with automated validation and retry handling. Currently **manage 3 concurrent client projects, mentoring 2 junior developers** while shipping real-time features (live chat, dashboards, status tracking) and integrating third-party APIs.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, SQL

Frameworks/Libraries: React.js, Redux, Node.js, Express.js, Socket.io

Databases: PostgreSQL (Sequelize), MongoDB (Mongoose), MongoDB Atlas

Cloud & Infra: AWS (Lambda, SQS, S3, CloudFront, Serverless), Azure (VMs), Nginx, PM2, Docker, Git

Concepts & Practices: REST APIs, Real-time (WebSockets), Data Migration & ETL, RBAC & Auth, Caching

EXPERIENCE

eSparkbiz Technologies

Software Developer

Ahmedabad, India

January 2024 - Present

Import Me - Marketplace Integration Platform

- Integrated **Amazon and eBay** marketplace APIs to enable one-click product import and dynamic listing management, cutting manual multi-channel listing time for sellers.
- Built a real-time dashboard (**Socket.io**) tracking inventory levels, sales performance, and marketplace sync status, replacing manual cross-platform reconciliation; added schema-driven dynamic validation for Amazon seller product creation to reduce listing rejections.
- Deployed on an **Azure VM** with **Nginx** reverse proxy, **Certbot** SSL, and **PM2** process management.

CRM Data Migration Platform

- **Independently designed, built, and led** a data migration system to transfer **500,000+ records** (contacts, tickets, deals, conversations, marketing tags) from Freshdesk and SalesManago to HubSpot, using MongoDB Atlas as a staging layer for validation, retries, and logging, replacing manual spreadsheet-driven transfer.
- Used **AWS SQS** to orchestrate long-running migration jobs and avoid **Lambda** timeout limits, handling third-party API rate limits and edge cases at scale, with **100% record-level data accuracy** on validation.

Realty On Call - Real Estate Platform

- Built core backend modules (Auth, Booking, Listings, Chat, CMS) and admin REST APIs on **Node.js + PostgreSQL**, cutting API response time **30%** (100ms → 70ms) via endpoint consolidation and caching.
- Secured private documents and media (agent verification docs, property listings) with time-limited **AWS S3/CloudFront signed URLs**, keeping storage private while preserving CDN-level performance.
- Delivered real-time **Socket.io** chat between users and a drag-and-drop admin CMS; implemented **RBAC** and session management across Admin/Agent/Client roles.

Oxstone - IoT Sensor Platform

- Led the rebuild of the alarm and notification system across the backend, a **React/TypeScript** frontend, and MongoDB, designing a unified alarm model and **migrating live alarms with zero downtime**.
- Directed backend alarm-evaluation logic and a watchdog service for interrupted sensor data flows; re-architected notification emails to render data graphs via a screenshot service with centralized templating.
- Reduced the admin dashboard's JavaScript bundle size from **5MB to under 1MB (80%+ reduction)** through code splitting, lazy loading, and dependency trimming, cutting load time for field and on-site users.

Tatvasoft

Software Development Intern

Ahmedabad, India

May 2023 - June 2023

- Built a full-stack e-commerce bookstore app with CRUD operations, product listings, and cart functionality.

EDUCATION

Charusat University

B.Tech in Information Technology

Anand, India

2020 - 2024