

Vraj Kanani

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Professional Summary

Full-Stack Software Engineer with hands-on experience building high-concurrency backend systems using Node.js, Express.js, and PostgreSQL. Proven ability to engineer production-grade MERN stack architectures - including race-condition-safe booking engines with RabbitMQ and ACID-compliant inventory systems with RBAC - during a 6-month internship at Scaloy Technology LLP. Strong foundation in scalable API design, JWT security, and real-time communication via Socket.IO. B.Tech in Computer Science (Expected May 2026).

Technical Skills

Languages	JavaScript, Java Core, SQL
Frontend	React.js, Redux Toolkit, Next.js, HTML5, CSS3, Bootstrap
Backend	Node.js, Express.js, REST APIs, JWT Authentication, RBAC
Databases	MongoDB, PostgreSQL, SQL Server (SSMS)
Tools & Libraries	Prisma ORM, RabbitMQ, Socket.IO, Postman, Razorpay, GitHub

Experience

Scaloy Technology LLP

Full Stack Developer Intern

Rajkot, Gujarat
Oct 2025 – Apr 2026

- **Inventory & Order Management System (MERN Stack + Next.js)**
 - Built **3-tier RBAC** (Master Admin → Admin → Staff) with permission propagation and dependency validation.
 - Implemented **ACID transactions** with immutable invoice snapshots for audit compliance.
 - Integrated **Socket.IO** and Axios interceptors with JWT auto-attach and centralized error handling.
 - Developed SEO-optimized landing pages using **Next.js** with JSON-LD, dynamic metadata, and Core Web Vitals improvements.
- **Cab Sharing Platform (Backend)**
 - Engineered a high-concurrency booking system using **Node.js** and **PostgreSQL** for reliable seat reservations.
 - Prevented race conditions and double-booking using **RabbitMQ**, Prisma transactions, and database-level locking.
 - Integrated **Razorpay** payments with secure webhook validation for safe transaction processing.

Projects

- **Club Laminate - E-Commerce & Inventory Management System (MERN Stack)** *Live Demo*
 - Developed a full-stack e-commerce platform with **dual-panel architecture** (Client + Admin), enabling end-to-end order lifecycle management - from product browsing to order tracking and payment.
 - Built **JWT-based authentication** with role-based access, cleanly separating customer and admin workflows.
 - Implemented complete **order management** with status transitions (Pending → Confirmed → Dispatched → Cancelled) and real-time order tracking for customers.
 - Engineered Admin Panel covering product & category management, purchase orders, supplier/customer payment tracking, and customer feedback response via **EmailJS**.

Education

Darshan University

B.Tech in Computer Science and Engineering

Rajkot, India
Expected May 2026

- CGPA: **8.00 / 10.0**

Shree B.M. Patel Educational Institute

Higher Secondary (HSC) & Secondary School (SSC)

Vankiya, India
2020 – 2022

Certifications & Achievements

- Python for Data Science – **NPTEL** *Score: 78%, Elite Certification*
- State-Level Handball Player – **Khelmahakumbh**