

Vansh Shah

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EDUCATION

Ganpat University

Bachelor of Science in Information & Technology

CGPA 8.5/10

Schooling(12th science)

Hiramanek rajpurvala kanya vidhyalay ,Kalol

(2020)

EXPERIENCE

Full Stack Developer – Ker Infotech

(April 2025 – Present)

- Developing and maintaining scalable web applications using **React.js**, **Node.js**, **Express.js**, and **MySQL**.
- Leading feature development, handling **API integrations**, and managing user authentication and session handling.
- Collaborating with UI/UX designers and backend engineers to deliver seamless user experiences.

Full Stack Intern – Ker Infotech

(January 2025 – April 2025)

- Developed and maintained full-stack web applications using **React.js**, **Node.js**, **Express.js**, and **MySQL**.
- Built responsive UIs, designed RESTful APIs, and optimized database queries.
- Gained hands-on experience in **backend development**, **authentication**, and **API integration** following industry best practices.

PROJECTS

Healthcare Management Analytics System (SQL Project)

Tech Stack: SQL (MySQL)

- Built a clinical analytics system using **5 relational datasets** (Patients, Doctors, Visits, Lab Tests, Medications).
- Developed **140+ advanced SQL queries** using **Joins**, **CTEs**, **Subqueries**, **Window Functions**, and **CASE**.
- Analyzed **doctor revenue**, **patient load**, **billing trends**, and **lab test anomalies** to generate healthcare KPIs.

Financial Portfolio Analytics System (SQL Project)

Tech Stack: SQL (MySQL)

- Designed a portfolio and stock market analytics system with **140+ optimized SQL queries**.
- Performed **portfolio valuation**, **sector-wise investment analysis**, and **risk profiling**.
- Used **window functions** (**LAG**, **LEAD**, **Moving Averages**) and **indexes / EXPLAIN plans** for performance optimization.

TECHNICAL SKILLS

- **Data & Analytics :**
 - SQL (MySQL, PostgreSQL) – Joins, Subqueries, CTEs, Window Functions, Query Optimization
 - Python – Pandas , Matplotlib , Seaborn , numpy
 - Data analysis tools : Excel , Power Bi
- **Frontend Technologies:** HTML, CSS , Bootstrap ,Tailwind CSS , React.js
- **Backend Technologies:** Node.js, Express.js , Python
- **Databases:** MySQL , PostgreSql