

# Jyot Vasava

B.Tech – Information and Communication Technology

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## Summary

Full-stack developer with 1+ years building scalable MERN applications. Experienced in designing RESTful APIs, implementing JWT authentication, and optimizing database performance. Solved 500+ DSA problems across competitive platforms.

## Projects

**EstateNetwork** | React.js, Node.js, Express.js, MongoDB, Redux, JWT, Cloudinary, Nodemailer | [\[GitHub\]](#)

- Built full-stack real estate platform with JWT authentication supporting 50+ property listings and advanced search filters.
- Integrated Cloudinary for multi-image uploads and Nodemailer for real-time property owner contact via Gmail.
- Developed admin dashboard with property and contact management achieving responsive design across devices.

**PlayBox** | React.js, Node.js, Express.js, MongoDB, Redux, Cloudinary, TailwindCSS | [\[GitHub\]](#)

- Developed OTT aggregator with 3-tier subscription, advanced content discovery filters, and seamless streaming with playback controls.
- Built an admin dashboard to manage movies, genres, and users, featuring real-time analytics on user activity, content views, and reviews for platform insights.

**OTT Platform Database** | PostgreSQL, draw.io | [\[GitHub\]](#)

- Designed and implemented a normalized relational database for user subscriptions and content management.
- Created ER diagrams, DDL scripts, and SQL queries ensuring data consistency and referential integrity.

**Industrial Device Monitoring Dashboard** | React, Redux, Node.js | [\[GitHub\]](#)

- Developed real-time dashboard processing live sensor data streams (1 point/sec) from industrial equipment via Server-Sent Events.
- Engineered 8 live KPIs including uptime analysis, phase imbalance detection, and peak demand monitoring.
- Developed auto-insight engine detecting idle states, imbalances, and demand events with CSV export and dark mode.

## Technical Skills

**Languages:** JavaScript, TypeScript, C++, C, SQL

**Frontend:** React.js, Redux, TailwindCSS, Responsive Design

**Backend:** Node.js, Express.js, RESTful APIs, JWT Authentication

**Databases:** MongoDB, PostgreSQL, Database Design

**Tools and Others:** Git, Postman, Cloudinary, Nodemailer, Server-Sent Events

**Coursework:** DBMS, DSA, Object Oriented Programming, Operating Systems, Computer Networks

## Education

**Dhirubhai Ambani University**

2022 – 2026

Gandhinagar, Gujarat

2021 – 2022

B.Tech (CPI: 5.48)

Surat, Gujarat

**Reliance Foundation School**

2019 – 2020

Higher Secondary (GHSEB) : 65pr

Surat, Gujarat

**Reliance Foundation School**

Secondary (GSEB) : 92.98pr

## Achievements

- Deloitte Technology Virtual Experience Certification (June 2025) – Forage | [\[Certificate\]](#)
- SQL Fundamentals Certification (July 2025) – SimplyLearn | [\[Certificate\]](#)
- Solved 500+ problems on [LeetCode](#), [CodeChef](#), [CodeForces](#).