

# Jyot Vasava

B.Tech – Information and Communication Technology

+91 9998212821   [vasavajyotkumar@gmail.com](mailto:vasavajyotkumar@gmail.com)   [github.com](https://github.com)   [linkedin.com](https://linkedin.com)   [Portfolio]

## 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**

*B.Tech (CPI: 5.51)*

**Reliance Foundation School**

*Higher Secondary (GHSEB) : 65pr*

**Reliance Foundation School**

*Secondary (GSEB) : 92.98pr*

2022 – 2026

Gandhinagar, Gujarat

2021 – 2022

Surat, Gujarat

2019 – 2020

Surat, Gujarat

## Achievements

---

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