

DHRUVIL THUMMAR

Computer Engineering Student — Full Stack & Data Science Enthusiast

Ahmedabad, India

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About Me

Computer Engineering student focused on building efficient, production-ready software. Strong foundation in data structures and algorithms with hands-on experience in full-stack development and AI integrations. I aim to create systems that are scalable, reliable, and user-focused.

Education

L J University, Ahmedabad, India

2024 – Present

Bachelor of Technology in Computer Engineering

Coursework: Data Structures & Algorithms, Object Oriented Programming, DBMS, Operating Systems, Computer Networks

Technical Skills

- **Languages:** Java, JavaScript, TypeScript, Python
- **Frontend:** React, Bootstrap, Tailwind
- **Backend:** Node.js, Express, Flask
- **Databases:** MySQL, MongoDB, PostgreSQL
- **Tools:** Git, GitHub, Postman, VS Code
- **Concepts:** REST APIs, OOP, MVC

Experience

The Intelliverse

Jan 2025 – Pres.

Core Team (Full Stack Developer)

- Built modular React/Node.js features; improved load times by 20%.
- Integrated GPT APIs, increasing daily active users by 30%.
- Increased test coverage to 78% and led design reviews.

Projects

- **Script Converter Studio** | *React, TypeScript, Monaco* 2024
🔗 Live Demo — 🐙 Source Code
 - Developed a JSON/TOON converter handling 1,000+ concurrent conversions.
 - Integrated Monaco Editor for in-browser code editing.
- **Tourism Management System** | *Java, Swing, JDBC, MySQL* 2024
🐙 Source Code
 - Built a desktop booking system with sub-50ms response times.
 - Implemented secure authentication with salted hashing and RBAC.
- **What's in my Fridge?** | *JavaScript, Recipe API* 2024
🔗 Live Demo — 🐙 Source Code
 - Built a recipe matching engine based on user inventory.
 - Reduced API costs by 35% using batching and caching.

Achievements & Leadership

- Maintain 8+ public repositories focused on frontend tools and dev utilities.
- Certifications: IBM Python for Data Science; Meta Front-End Developer; Java Mastery.