

# DHRUVIL THUMMAR

Computer Engineering Student | Full Stack & Data Science Enthusiast

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## About Me

Computer Engineering student and Google Cloud & NVIDIA Community Member with hands-on experience building full stack and AI-integrated applications. Proficient in managing complex database environments with PostgreSQL and MySQL, and building scalable backends using Flask and Supabase. Focused on writing clean code in IntelliJ IDEA and VS Code to deliver production-ready systems.

## Education

**L J University**, Ahmedabad 2024 – 2028

**Bachelor of Technology in Computer Eng.**

**Coursework:** DSA, OOP, DBMS, OS, CN

**Focus:** Python, NumPy, Matplotlib, Web Eng.

## Certifications

- IBM Intro to HTML, CSS, & JS 
- LearnQuest Intro to Java 
- IBM Python for Data Science & AI 
- University of Pennsylvania Data Structures in Java 

## Technical Skills

- Languages:** Java, Python, JavaScript, TypeScript, SQL
- Frameworks:** React, Flask, Node.js, Express, Django
- Databases:** PostgreSQL, MySQL, Supabase, MongoDB
- Dev Tools:** IntelliJ, pgAdmin, XAMPP, VS Code

## Experience

**The Intelliverse** Jan 2025 – Present  
*Core Team (Full Stack Developer)*

- Built modular React features; cut load time 20%.
- Integrated GPT APIs; increased DAU by 30%.
- Led design reviews & raised test coverage to 78%.

## Projects

### Attendify System | *Flask, MySQL*

 Source Code

- Role-based tracking with PDF reporting.
- Multi-tenancy for managing colleges.

### BUS-IQ Dashboard | *Flask, SQLite, JS*

 Source Code

- Real-time transit with live bus maps.
- WebSocket for instant route optimization.

### Script Converter | *React, TS, Vite*

 Demo  Source

- JSON/TOON converter for 1k+ users.
- Integrated Monaco Editor for coding.

### Tourism System | *Java, JDBC, MySQL*

 Source Code

- Booking app with Admin/Customer roles.
- Optimized DB for sub-50ms response.

### Stock Management | *Java (Console)*

 Source Code

- Robust CRUD system for inventory.
- Supports products via inheritance.

### Hangman Game | *Java (Console)*

 Source Code

- Interactive console game with logic.
- Demonstrates OOP structure.

### What's in my Fridge? | *JS*

 Demo  Source

- Recipe matching with cuisine filtering.
- Modern UI with shopping list generation.

### Airline Reservation | *Java*

 Source Code

- Console booking with Admin/Customer.
- Demonstrates polymorphism & file handling.

## Achievements

- Membership:** Google Cloud & NVIDIA Developer Community Member, engaged in AI/ML and Cloud learning paths.
- Open Source:** Maintain 8+ public repositories focused on frontend and dev utilities.
- Improved React application performance by 20% using modular architecture.
- Increased DAU by 30% through GPT-based feature integration.
- Built database systems achieving sub-50ms query response time.
- Developed and deployed production-grade academic and real-world projects.