

# DHRUVIL THUMMAR

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## EDUCATION

### L J University

Ahmedabad, India

Bachelor of Technology in Computer Engineering

2024 – Present

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

## TECHNICAL SKILLS

### Languages

Java, JavaScript(ES6+), TypeScript, Python, HTML5/CSS3

### Frameworks / Libraries

**React**, **Node.js**, Express.js, Django, Flask, Bootstrap, Tailwind CSS

### Developer Tools

Git, GitHub, VS Code, IntelliJ IDEA, Postman

### Databases

MySQL, PostgreSQL, MongoDB, SQLite

## EXPERIENCE

### The Intelliverse

Remote

Core Team Member (Full Stack Developer)

Jan. 2025 – Present

- Architected modular full-stack features using **React**, **TypeScript**, and **Node.js**, reducing initial load time by **20%**.
- Integrated OpenAI GPT APIs to ship AI-driven features, contributing to a **30% increase in daily active users (DAU)** for targeted flows.
- Spearheaded code reviews and enforced **Clean Architecture** and testing practices; improved test coverage from **55%** to **78%**.
- Delivered bi-weekly releases in an Agile workflow, improving deployment cadence by **40%**.

## PROJECTS

### Script Converter Studio | React, TypeScript, Monaco Editor |

2024

- Developed a high-performance JSON/TOON converter capable of handling **1,000+ concurrent conversions**.
- Integrated **Monaco Editor** to provide a VS Code-like browser experience with full type checking and IntelliSense.

### Tourism Management System | Java, Swing, JDBC, MySQL |

2024

- Built a desktop booking application with a normalized MySQL schema; optimized booking queries to achieve **sub-50ms response** under typical demo loads.
- Implemented secure login and role-based access control with salted password hashing.

### Airline Reservation System | Java, OOP |

2024

- Built a complex console application demonstrating polymorphism, inheritance, and encapsulation; included robust input validation and exception handling.
- Designed modular modules for seat allocation and pricing policies enabling easy extension for new rules.

### What's in my Fridge? | JavaScript, Recipe API |

2024

- Created a sustainability-focused tool to match user inventory to recipes; implemented batched API calls to reduce external requests by **35%**.
- Built a dynamic frontend for instant search feedback and low-latency interactions.

## ACHIEVEMENTS & LEADERSHIP

- Open-source contributor: 8+ public repositories with tooling and frontend utilities; active in issue triage and PR reviews.
- Certifications: IBM - Python for Data Science; Java Programming Mastery.
- Leadership: Lead technical design reviews and architecture sessions at The Intelliverse, driving consistent adoption of testing and modular patterns.