Chetan Reddy Sangam

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GitHub-Profile 🔗 LeetCode 🔗 CodeChef

Education

Gayatri Vidya Parishad College of Engineering   *2022-2026*
B-Tech in Computer Science
- **GPA**: 8.83/10
- **Coursework:** Computer Science and Engineering

About Me

- I'm a Computer Science student at GVPCE with a strong interest in Software Developement and Full-Stack Development and a passion for building scalable, user-centric web applications.
- I value clean code, performance optimization, and collaborative problem-solving.

Projects

Train Booking Management System(Console Based Project)   *GitHub* ↗
- Developed an end-to-end system handling 5+ core operations including ticket booking, cancellation, train and passenger management.
- Designed using object-oriented principles, enabling modular, maintainable code across 15+ Java classes.
- Simulates a functional backend, preparing the groundwork for migration to Spring Boot/MVC.
- **Tech Stack**: Java, Gradle, Jackson, OOP

Job-Portal(In-Progress)   *GitHub* ↗
- Engineered 10+ RESTful APIs enabling registration/login, job applications, and job posting workflows.
- Utilized MongoDB indexing and schema validation to manage application data for 1000+ mock users.
- Tools Used: React js, Node js, Express Js, MongoDB
- Live Demo: [Deployed ↗]

Zomato Restaurant Listing & Searching   *GitHub* ↗
- Built a full-stack Zomato clone using Spring Boot, Angular, PostgreSQL.
- Implemented pagination, real-time search, and location-based filtering for scalability.
- Efficiently handled over 10,000 restaurant records using optimized queries and indexing.
- Tech Stack: Springboot, Angular, PostgreSQL
- Live Demo: [Deployed ↗]

Technologies

Programming Languages: Java, C, SQL Python(familiar), C++(familiar)
Frameworks/Libraries: Spring Boot, React, Node JS, Express JS, Angular(Familiar)
Frontend: HTML5, CSS, Java Script, Tailwind CSS, Bootstrap
Databases/Tools: MySQL, PostgreSQL, MongoDB, VS Code, Intellij, Eclipse, Git, GitHub
Problem Solving: Data Structures and Algorithms

Achievements/Certifications

- 2-Star Holder on CodeChef and a rating of 1579 on LeetCode
- Solved more than 700 Coding Problems on Leetcode, Codechef and GeeksForGeeks.