

MAHIMALURU VENKATA RAVIKUMAR

✉ mvrkravikumar6301@gmail.com — ☎ +91 8121974877

in [linkedin.com/in/mvravikumar9](https://www.linkedin.com/in/mvravikumar9) — github.com/mahimalururavikumar — leetcode.com/u/raviravikumar6301

OBJECTIVE

Final-year B.Tech Computer Science student with strong foundations in **Java, Object-Oriented Design, Data Structures, and SQL**. Experienced in building full-stack applications using Spring Boot, Angular, and MySQL. Passionate about developing scalable enterprise applications, practicing clean architecture, and contributing through collaborative Agile development.

SKILLS

Programming Languages: Java (Primary), JavaScript, Python

Java & Enterprise Stack: Spring Boot, Spring Data JPA, Hibernate, JDBC, REST APIs, Embedded Tomcat

Frontend Technologies: Angular, HTML5, CSS3, JavaScript

Database: MySQL (Joins, Indexing, Query Optimization), SQL Fundamentals

Core Computer Science: Data Structures & Algorithms, Object-Oriented Programming (OOP), Design Patterns (Basic), DBMS, Operating Systems

Engineering Practices: Layered Architecture, Dependency Injection, Debugging & Troubleshooting, SDLC, Agile Collaboration, Git

PROJECTS & EXPERIENCE

Online House Rental & Tenant Management System | *Angular, Node.js (TypeScript), MySQL* [\[GitHub\]](#)

- Built a full-stack rental management platform handling booking, role-based access, and transactional workflows
- Participated in requirement analysis, system design, implementation, and testing phases
- Designed SQL queries and validation logic ensuring data consistency and integrity
- Refactored modules to improve maintainability and reduce code redundancy

Hotel Reservation System | *Spring Boot, Angular, MySQL, REST APIs* [\[GitHub\]](#)

- Developed RESTful backend services using Spring Boot with Spring Data JPA and Hibernate for ORM mapping
- Designed relational database schema in MySQL and implemented repository layer using JPA
- Leveraged embedded Tomcat server for deployment and testing
- Applied object-oriented principles and layered architecture (Controller-Service-Repository)
- Diagnosed transactional and data consistency issues using systematic debugging techniques

E-Commerce Backend System | *Node.js (JavaScript), JWT, MongoDB* [\[GitHub\]](#)

- Developed backend services managing cart, orders, and authentication workflows
- Implemented structured exception handling and validation to enhance system robustness
- Debugged workflow inconsistencies and optimized API performance
- Practiced clean coding standards and modular architecture design

EDUCATION

Kalasalingam Academy of Research and Education	2022 – Present
B.Tech in Computer Science and Engineering (CGPA: 8.35/10.0)	Madurai, India

Priyadarshini Junior College	2022
Pre-University Education (Grade: 90.09%)	Nellore, India

Nalanda English Medium High School	2020
Secondary Education (Percentage: 95.3%)	Nellore, India

CERTIFICATIONS

The Complete 2024 Web Development Bootcamp – Udemy	: (Link)
SQL Fundamentals – CodeChef	: (Link)

ACHIEVEMENTS

- Solved 300+ Data Structures and Algorithms problems covering trees, hashing, dynamic programming, and graph algorithms
- Applied algorithmic thinking in real-world backend systems to improve performance and reliability
- Top 10 finalist in IBM Hackathon (College Level)