RISHABH RATHI
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LNMIIT — The LNM Institute of Information Technology

BRIEF SUMMARY

A results-oriented Computer Science student and Software Engineer with a strong foundation in backend development using Spring Boot and MySQL. Proven ability to design, build, and optimize scalable RESTful APIs and database schemas. Experienced in implementing critical features like concurrency control, JWT authentication, and system architecture based on Object-Oriented Principles. Adept at problem-solving, writing clean code, and contributing to projects in agile environments. A collaborative leader with experience managing teams and organizing large-scale events, demonstrating strong communication and organizational skills.

KEY EXPERTISE

MySQL • Spring Boot • Client Communication • Problem-Solving • Team Leadership • Docker • C++ • JWT • JPA/Hibernate • JDBC • Postman • IntelliJ • OOPs • System Design • DBMS • OS • DSA

EDUCATION

LNM Institute of Information Technology   2022 - 2026
B.Tech. - CSE | CGPA: **7.34 / 10**

Maheshwari International School, Kishangarh   2022
12th | CBSE | Percentage: **90.60 / 100**

Mayoor School, Kishangarh   2020
10th | CBSE | Percentage: **96.80 / 100**

AWARDS AND SCHOLARSHIPS

- Pandit Chakradhar Dabral Medal for Best Indian Musician (2020)
- Performed at Opening of Rajasthan Royals Girls' Cricket Cup Final (in front of Sir Rahul Dravid)

INTERNSHIPS

Paytm | Technology   22 May, 2025 - 25 Jul, 2025
Software Developer Intern

Key Skills: MySQL • Spring Boot

- Engineered and deployed backend modules processing 50K+ daily transactions using Spring Boot and MySQL.
- Optimized API performance by 25% using database query optimization.
- Collaborated with cross-functional teams to implement REST APIs.

PROJECTS

Car Rental Management System   25 May, 2025 - 25 Jul, 2025
Mentor: Mr. Vivek Goynar | **Team Size:** 2

Key Skills: Spring Boot • MySQL • JWT • Docker

Project Link: https://github.com/RishabhRathi123/Car-Rental-System

- Built full-stack platform supporting 100+ users with real-time bookings and conflict-free scheduling.
- Resolved 5+ race condition bugs, implemented JWT authentication with role-based access control.
- Dockerized app for microservice deployment.

RideMitra.tech - (Hackathon – Top 10/200+ Teams)   15 Jun, 2025 - 20 Jun, 2025
Mentor: Mr. Rohit Negi | **Team Size:** 1

Key Skills: System Design • Low Level Design • C++

Project Link: https://github.com/RishabhRathi123/System-Design-Hackathon_RideMitra.tech

- Built modular backend with dynamic ride matching using OOP principles.
- Applied Strategy, Factory, Singleton design patterns to improve testability and extensibility.
- Ranked among Top 10 out of 200+ entries at Coder Army Hackathon.

ACHIEVEMENTS

- Jee Mains- NTA Score=97.6062470(Rank = 21,731)
- Jee Advanced-Rank≈18000 (among ~250,000 qualified candidates)

POSITIONS OF RESPONSIBILITY

President of Music Society at LNMIIT

I am currently the President of Music Society at Lnmiit. I have organised various Music events in our college. I have performed at BITS-Pilani at an All India Level. I have won many singing competitions like Battle of Bands at Vivacity(Cult. Fest at LNMIIT), Jay Shree Periwal High School, etc. I have led Sponsorship Team for our Music events at Vivacity.

Teaching Assistant - Embedded Systems & IoT, and AI/ML Laboratories (LNMIIT) January 2025 - May 2025

• Provided technical support in Embedded Systems and AI/ML laboratories.
• Mentored students in machine learning and IoT project development.
• Assisted faculty in curriculum enhancement and practical skills training.

Organizer of "AIML Workshop: Bridging the Gap between Theory and Applications"

Organized an AI/ML Workshop (April 2025) along with CCE Department of LNMIIT, inviting professors from IIT Delhi, IIT Guwahati, and other reputed institutes.
Managed end-to-end logistics and outreach for 200+ participants.

EXTRA CURRICULAR ACTIVITIES

- Indian Classical Singer and Instrumentalist
- Senior Member of Drama Society of LNMIIT
- President of Music Club at LNMIIT

PERSONAL INTERESTS / HOBBIES

- Singing and Playing Instruments, Exercising
- Watching Movies and Music related TV Shows
- Watching Business Podcasts and diving deep into Business Case Studies

WEB LINKS

- Github - https://github.com/RishabhRathi123
- Other - https://leetcode.com/u/Rathi15/
- Other - https://www.geeksforgeeks.org/user/user_rg595smp2hs/
- Other - https://www.hackerrank.com/profile/coolaakurathi