

Ritik Raj

ritikbunty2511@gmail.com | (+91) 9798058211



SKILLS

- ❖ **Programming Languages:** Core Java, Java 8 Features, C/C++ (Basics), Python (Basics)
- ❖ **Frameworks & Libraries:** Spring Boot, Spring Core, Spring Security, Spring Data JPA, Hibernate, Lombok
- ❖ **Databases:** SQL (MySQL), NoSQL (MongoDB Basics)
- ❖ **Tools & Platforms:** Git, GitHub, Maven, Postman, Docker (Compose, Volume, Networking), AWS (EC2, Elastic Beanstalk, S3, IAM, Lambda)
- ❖ **Software Development Skills:** Building scalable RESTful APIs, Object-Oriented Design, API Design, Backend Development (Spring Ecosystem), Cloud Deployment (AWS), Containerization (Docker)
- ❖ **Data Structures & Algorithms:** Solved over 500 problems on LeetCode

EDUCATION

- ❖ MCA | Vellore Institute of Technology, Vellore
CGPA: 8.85 (July '24 - April '26)
- ❖ BCA | Rajarshi School of Management & Technology, Varanasi
Percentage: 70.25% (Oct '21 - Jun '24)
- ❖ XII (CBSE) | Central Public School, Samastipur
Percentage: 77.00% (2021)
- ❖ X (CBSE) | Central Public School, Samastipur
Percentage: 84.00% (2019)

PROJECTS

- ❖ **Postora - Blogging Platform Backend**
 - Built a secure and scalable RESTful backend with role-based access (USER/ ADMIN), CRUD for posts, categories, tags, likes, bookmarks, and comments.
 - Integrated DTOs + validation, JavaMailSender, Swagger, and auditing with @CreateDate and @LastModifiedDate.
 - Added AWS S3 image upload support and deployed the application using Elastic Beanstalk with environment-level configuration.
- ❖ **CPU Scheduling Algorithm Simulator**
 - Build a console-based simulator for 8 CPU scheduling algorithms (e.g., FCFS, SJF, RR, HRRN, MLQ, etc.) with dynamic input and execution flow display.
 - Calculated turnaround, completion, waiting times using core data structures like queues, priority queues, lists, and arrays.

POSITION OF RESPONSIBILITY

- ❖ **Program Representative | MCA** (July '2024- Present)
 - Acted as a point of contact between MCA students and administrative bodies like DSW, CDC, and faculty.
 - Helped communicate important updates, collect feedback, and coordinate academic/campus-related information.

ACHIEVEMENTS

- ❖ Secured All India Rank 8 in VITMEE 2024 (MCA Entrance Exam).
- ❖ Solved over 500 DSA problems on Leetcode with a 1600+ contest rating.
- ❖ Earned 14+ Leetcode badges including 365 Days Badge, SQL 50, Monthly & Annual Badges.