

MONU KUMAR

☎ +91-9472411654

✉ monu270202@gmail.com

in LinkedIn

GitHub

H Hackerrank

LeetCode

TECHNICAL SKILLS

Languages & Tools: Java (17–21), SQL, Python(basic), JavaScript (basic), IntelliJ, Eclipse, VS Code, Git, GitHub, GitLab, Postman

Frameworks: Spring Boot, Spring MVC, Spring Data JPA, Spring Security, Hibernate, Lombok

AI Integration: OpenAI API (ChatGPT, Embeddings), LangChain4j, Prompt Engineering, JSON Parsing

API Development: RESTful APIs, Swagger / OpenAPI, Jackson

Databases: MySQL, MongoDB

Testing: JUnit, Mockito, Testcontainers

DevOps & Cloud: Docker, GitHub Actions (CI/CD), Maven, Gradle, AWS (EC2, S3, RDS)

Software Engineering Concepts: OOP, Design Patterns (Singleton, Factory, Builder), Microservices, MVC Architecture, DTO & Entity Mapping, Exception Handling, JWT & OAuth2, Unit & Integration Testing, Agile / Scrum

PROJECTS

Spam Email Detector 🔗 May 2025 – July 2025

Spring Boot, Python (Flask), ML, REST API, HTML/Bootstrap

- Built spam detector with Flask ML API and Spring Boot frontend using REST, Bootstrap UI.
- Achieved 95%+ accuracy in real-time spam classification.

Book Catalog REST API 🔗 July 2025

Spring Boot, Java 24, JPA, Swagger, REST API, H2 DB, Postman

- Built modular REST API with layered design, DTO-Entity mapping, and JPA-H2 database.
- Integrated Swagger UI and tested endpoints via Postman.

Tripease – Car Booking System 🔗 June 2025

Spring Boot, MySQL, Docker, GitHub Actions, AWS EC2, REST API

- Built backend REST API for car booking with MySQL, Swagger, and token-based security.
- Dockerized and deployed on AWS EC2 using GitHub Actions CI/CD.

TRAINING & INTERNSHIP

J-Spiders Institute 🔗

July 2024 – Dec 2024

Java Full-Stack Development Training

Noida, India

- Completed 6-month intensive training covering Core Java, JDBC, Servlets, JSP, Spring Boot, HTML, CSS, JavaScript, and MySQL.

Tech Mahindra (via NATS & NAPS) 🔗

Jan 2025 – May 10, 2025

Trainee Associate

Noida, India

- Completed internship under National Apprenticeship Training Scheme and National Apprenticeship Promotion Scheme.

Outskill 🔗

May 2025

Generative AI Masterclass by Vaibhav Sisinty (25 Hours)

Remote

- Completed 25-hour hands-on AI training focused on Generative AI tools and real-world applications.

ACHIEVEMENTS & CERTIFICATIONS

- Earned **200 Days Continuous Coding Streak Badge on LeetCode**, demonstrating consistency in coding🔗.
- Achieved **Top 50 SQL Questions Solved Badge on LeetCode** for completing curated advanced SQL challenges🔗.
- Certified in **SQL (Basic, Intermediate, Advanced)** by HackerRank🔗.
- Awarded **Silver Medal by NPTEL** in “Data Structures and Algorithms in Java” — placed in the **top 5% nationally**🔗.

Education

B.Tech in Electronics & Communication Engineering

2020 – 2024

GEC Vaishali — CGPA: 7.64

Vaishali, Bihar

Class 12th (BSEB)

2019

Aggregate: 75.6%

Sitamarhi, Bihar