RAGHAV PATHAK

Indore, Madhya Pradesh

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COURSEWORK/ SKILLS

- OOPS Concepts
- Computer Networks
- Data Structures and Algorithms
- Database Management Systems
- Software Engineering
- Cloud Computing

TECHNICAL SKILLS

- Backend Technologies: Java, Spring, Spring Boot, Hibernate, Maven, RESTful APIs
- Database: MySQL
- Frontend Technologies: HTML, CSS, JavaScript(Basics), Thymeleaf, JSP
- Tools: Git, GitHub, Visual Studio Code, Eclipse IDE

EDUCATION

B. Tech. in Computer Science and Engineering   V.I.T. Bhopal University   2021 - 2025
CGPA: 7.53 / 10

ACADEMIC PROJECTS

- **E-commerce Platform**
  - Developed a full-stack e-commerce application to facilitate product browsing, purchasing, and secure transactions.
  - Integrated real-time inventory management and secure payment gateways for users and administrators.
  - Enabled user authentication for personalized shopping experiences and secure logins.
  - Utilized Spring Boot and MySQL for backend management, product cataloging, and user data storage.
  - *Technology: Java, Spring Boot, ReactJS, MySQL*

- **Employee Management System**
  - Developed an Employee Management System for managing employee details with JDBC and MySQL.
  - Implemented efficient CRUD operations by integrating MySQL queries with a Java backend.
  - Ensured database integrity through robust error handling and data validation.
  - Optimized query performance with connection pooling.
  - Conducted extensive testing to handle edge cases and ensure smooth data manipulation.
  - *Technology: Java, JDBC, MySQL Command Line Client*

- **Library Management System**
  - Designed and developed a system for managing book borrowing, returns, and user data efficiently.
  - Implemented user authentication with role-based access for librarians and students.
  - Integrated features for searching books, borrowing, returning, and calculating overdue fines.
  - Utilized MySQL for efficient database management and Thymeleaf for a user-friendly interface.
  - *Technology: Java, Spring MVC, HTML, CSS, MySQL*

CERTIFICATIONS

- IBM AI Engineering Professional Certificate (View Certificate)
- NPTEL Cloud Computing Certificate (View Certificate)
- Google Cloud Digital Leader Certificate (View Certificate)

ACHIVEMENTS

- LeetCode global rank – 551310
- 2nd runner-up in school coding contest