

# RAGHAV PATHAK

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## COURSEWORK/ SKILLS

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- OOPS Concepts
- Database Management Systems
- Software Engineering
- Data Structures and Algorithms

## TECHNICAL SKILLS

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- Backend Technologies: Java, Spring MVC, Spring Boot, Hibernate, Maven
- Database: MySQL
- Frontend Technologies: HTML, CSS, Thymeleaf
- Tools: Git, GitHub, Visual Studio Code, Eclipse IDE

## EDUCATION

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|---|--------------------------|-------------|
| • <b>B. Tech. in Computer Science and Engineering</b><br><i>CGPA: 7.50 / 10</i> | V.I.T. Bhopal University | 2021 - 2025 |
| • <b>Higher Secondary Certificate (HSC)</b><br><i>Percentage: 90.17%</i>        | Santaji Mahavidyala      | 2020 - 2021 |
| • <b>Secondary School Certificate (SSC)</b><br><i>Percentage: 78.20%</i>        | Shanti Asiatic School    | 2018 - 2019 |

## ACADEMIC PROJECTS

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- **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*
- **Student Management System**
  - Developed a Student Management System using Spring MVC for a robust backend, Thymeleaf for dynamic web pages, and HTML/CSS for a responsive user interface.
  - Implemented full CRUD functionality (Create, Read, Update, Delete) for managing student records, including adding, updating, viewing, and deleting student details.
  - Integrated Hibernate ORM with MySQL to ensure seamless data persistence and efficient retrieval of student information from the database.
  - Designed user-friendly interfaces using HTML and CSS to provide an intuitive and visually appealing experience for users.
  - Followed MVC architecture principles, ensuring a clean separation of concerns, easy maintenance, and scalability for future enhancements or feature additions.
  - *Technology: Spring MVC, Hibernate, MySQL, Thymeleaf, HTML, CSS*

## CERTIFICATIONS

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

## ACHIVEMENTS

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