

Rahul Kumar

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Summary

Aspiring Java Full-Stack Developer with hands-on experience in Core Java, OOPs, and Data Structures Algorithms (DSA). Passionate about solving real-world problems, writing efficient and scalable code, and continuously improving backend and frontend development skills to become industry-ready.

Skills

Programming Languages : Core Java, OOPs Concept, HTML, CSS, JavaScript
Backend Development : "Java - Collections, Exception Handling, Multi-threading"
Database Management : JDBC, SQL Queries
Tool & Technologies : VS Code , IntelliJ IDEA, Git & GitHub, Premiere pro, Canva
Problem-Solving : Data Structures & Algorithms (DSA)
Soft Skill : Quick Learner , Team Player, Time Management

Education

2022 - present :	Btech (CSE) at Punjab Technical University, Punjab	(GPA: 7.61/10.0)
2020 :	Class 12th - Bihar School Examination Board, Patna	(83.4%)
2018 :	Class 10th - Bihar School Examination Board, Patna	(71.8%)

Projects

Obys Agency (HTML, CSS, JavaScript, GSAP, Locomotive Scroll, Shery.js) [Link](#)

- Cloned the Obys Agency website using HTML, CSS, and vanilla JavaScript.
- Used GSAP, Locomotive Scroll, and Shery.js to create smooth scrolling and modern animations.
- Implemented scroll-based effects and interactive UI transitions.
- Focused on layout accuracy and animation timing without using any frameworks.

Hospital Management System (Java , JDBC, MySQL) [Link](#)

- Developed a **console-based Java application** to manage core hospital operations..
- Implemented patient registration, doctor appointments, billing, and medical records management.
- Utilized Object-Oriented Programming (OOP) principles for a modular and maintainable code structure.
- Managed persistent data storage and retrieval using JDBC with MySQL database.

Car-Showroom-Management-System (Java OOPS) [Link](#)

- Developed a console-based Java application to simulate car showroom operations.
- Created separate classes for Cars, Employees, and Showrooms, implementing real-world relationships.
- Applied OOP concepts like inheritance, encapsulation, and polymorphism to manage data and behaviors.
- Centralized control through a Main.java driver class to coordinate system workflow..

WORK EXPERIENCE

- Worked on academic and personal projects using Java, OOP principles, and frontend technologies to build interactive applications and animations.
- Built real-world simulations like hospital and showroom management systems using Java and MySQL.
- Cloned live websites (Obys Agency) using HTML, CSS, and JS, focusing on animation and layout accuracy.

Achievements

- Solved 150+ LeetCode practice questions, earned the month and 50+ consecutive days badge. [Link](#)

Extra-Curricular Activities

- Engaged in workshops and webinars on Java development, web technologies, and data structures
- Participated in college-level cricket competitions.