

ASHISH KUMAR ROY

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EDUCATION

SRM UNIVERSITY B.TECH · Computer Science · Chennai, India	Oct 2021 – May 2025 7.6
VV DAV PUBLIC SCHOOL Senior secondary · Science · New Delhi	Apr 2019 – Apr 2020 85.2%
DAV PUBLIC SCHOOL Secondary · Dwarka , New Delhi	Mar 2017 – Mar 2018 86.6

TECHNICAL SKILLS

Programming Languages: C++, SQL, JAVA, Tools / Platforms: Git, GitHub, Docker, Canva , MS Excel, Databases: MySQL, Coursework: DSA , DBMS , Operating System , Computer Netwroks, OOPS

Projects

HOTEL RESERVATION SYSTEM

· MySQL, JDBC, JAVA

- **Database Setup and Connection:*** Successfully set up a MySQL database and established a connection using JDBC, ensuring a robust foundation for the reservation system.
- **Reservation System Design and Implementation:*** Designed a comprehensive schema encompassing rooms, customers, and reservations, and implemented core functionalities for booking, viewing, editing, and deleting reservations.
- **Functionality and User Interaction:*** Developed features to manage room availability, handle conflicts, and provide user interfaces for managing bookings, ensuring a smooth and efficient user experience.

CAR RENTAL SYSTEM

- **OOP-Based System Design:*** Developed a car rental system using OOP principles, implementing classes, methods, and encapsulation for structured and maintainable code.
- **Inheritance and Polymorphism:*** Applied inheritance and polymorphism to create a versatile car inventory, efficiently managing different car types and their unique attributes.
- **User Interface and Pricing Calculation:*** Created a user-friendly console interface for renting and returning cars, with a pricing mechanism that calculates rental costs based on car type and duration, managing customers, cars, and rentals effectively.

HONORS AND AWARDS

- Achieved a top 20 position in the Toyota Hackathon organized at IIT Delhi, a prestigious 2-day competition.
- Solved over 250 Data Structures and Algorithms questions on LeetCode, demonstrating strong problem-solving skills.
- Actively participated in the fashion management team during the college fest "Rubaroo 2023."
- Represented my school at the national level as a member of the volleyball team.

Certifications

Supervised Machine Learning: Regression and Classification | [Link](#)
Stanford · SBTQHB98U5N7

May 2024 –