

Anant Agarwal

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Education

Jodhpur Institute of Engineering and Technology, Jodhpur

B.Tech., Computer Science and Engineering

CGPA: 8.57 (II Year)

Akashdeep Public School, Jaipur

Class XII (CBSE)

Percentage: 71% – 2022

Akashdeep Public School, Jaipur

Class X (CBSE)

Percentage: 82% – 2020

Experience

Next Learner Pvt. Ltd

Delhi

Position - Software Developer Intern | Java, MySQL, JDBC, Swing, HTML

May - June 2024

- Developed and maintained Exam Node, a robust examination management system, ensuring seamless management of exam workflows and improving system efficiency.
- Designed and implemented Java-based modules with database integration using MySQL and JDBC, enhancing data handling and application functionality.
- Crafted interactive and user-friendly GUIs with Swing while ensuring robust backend support, aligning with client and organizational requirements.

Projects

ATM Simulator System | Java, Swing, MySQL, JDBC [GitHub](#)

- Engineered a dynamic ATM Simulator System with Java, leveraging Swing for the user interface and MySQL for secure and efficient database management.
- Designed features such as balance inquiry, deposit, withdrawal, and PIN change, ensuring seamless user interactions while maintaining data integrity using JDBC.
- Enhanced user experience by integrating HTML elements and providing robust backend connectivity for a real-world simulation of ATM functionalities.

Airline Management System | Java, Swing, MySQL, JDBC, HTML

- Developed a comprehensive Airline Management System using Java, incorporating Swing for intuitive user interfaces and MySQL for robust database management.
- Designed features including flight scheduling, passenger management, ticket booking, and fare calculations, ensuring efficient and user-friendly operations.
- Utilized JDBC for secure database connectivity, ensuring real-time data accuracy and seamless system interactions.

Relevant Courses

Data Structures and Algorithms, Operating System, Object Oriented Programming, Database Management System, Computer Network

Technical Skills and Interests

Programming Languages: Java, SQL, HTML, CSS

Library/Frameworks: Swing, Bootstrap, JDBC

Backend Technologies: MySQL

Developer Tools: Netbeans, Git, GitHub, MySQL Workbench, AutoCAD, MS Office, VS Code

Achievements

Runner-Up, ISTE Hackathon

- Led a team of 4 members and secured runner-up position at the ISTE Hackathon, held at MANIT Bhopal.

Innovation Lab Project

- Built a cave rover prototype, led a team of 4 members, and secured first position at the department level (CS) in "Project Competition Innoprog-2023" organized by Innovation Lab, JIET.