

# YASH GUPTA

Software Engineer

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## SUMMARY

Experienced in crafting robust software solutions, I excel in JAVA, MySQL, and web development, with a knack for fortifying systems against cyber threats. Proficient in DBMS and operating systems, I drive projects forward with leadership, communication finesse, and sharp problem-solving in collaborative settings, fostering innovation and synergy.

## EDUCATION

### SRM Institute of Science and Technology

Bachelors of Technology  
2020 – 2024  
C.G.P.A: 9.11

### St. Joseph's College

Class XII  
2018-2020  
Score : 83.4%

Class X  
2016-2018  
Score: 84.6

## SKILLS

- JAVA
- MySQL
- Web Development
- DBMS
- Cyber Security
- Operating systems
- Leadership
- Communication
- Problem Solving
- Teamwork

## AWARDS

- Phoenix Hackathon - Secured 3rd position
  - Assistance to natural calamities survivors
- National Service Scheme
  - Special Camp Team Lead
  - Social service Drive

## PROJECTS

### Heart Disease Prediction System

Machine Learning | 2024 - Present

- Heart disease prediction system utilizes machine learning algorithms to analyze patient data, including medical history and lifestyle factors, to forecast the likelihood of cardiovascular issues, aiding in early detection and prevention.
- Algorithms
  - K-nearest neighbors (KNN)
  - Weighted KNN
  - Decision trees
  - RUSBoost algorithm

### Airlines Reservation System

SQL Database | 2023

- Airline reservation systems are systems that allow an airline to sell their inventory . It contains information on schedules and fares and contains a database of reservations (or passenger name records) and of tickets issued (if applicable).
- Skilled in SQL query writing for extracting, manipulating, and analyzing data from airline reservation databases.
- [Github Link](#)

### eHealthCare-centre

JAVA | 2020

- Java-based E-Health Care Centre streamlines patient records, diagnosis, and billing. With user authentication and an intuitive interface, it optimizes healthcare administration, ensuring efficient and organized services for enhanced patient care and management.
- [Github Link](#)