

# Shubham Sharma

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## SUMMARY

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Driven Java Developer with a solid foundation in Object-Oriented Programming (OOP), Data Structures, and Algorithms. Skilled in building scalable solutions and Desktop applications using Java, Swing, and SQL. Passionate about solving complex problems and eager to contribute to innovative software development projects.

## EDUCATION

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### Krishna Engineering College

*B.Tech in Computer Engineering*

Ghaziabad

*August 2020 - July 2024*

### Hindon Public Sr. Sec. School

*Class 12th CBSE Board*

Delhi

*April 2019 - march 2020*

### Hindon Public Sr. Sec. School

*Class 10th CBSE Board*

Delhi

*April 2017 - march 2018*

## SKILLS

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- Expertise: Data Structures, Algorithms, OOP, Software Development
- Languages: Java, Python, JavaScript, SQL
- Technologies: JDBC, Swing, CSS3, HTML5, Bootstrap
- Tools: VS Code, Git, GitHub, IntelliJ IDEA, Apache NetBeans, Sublime Text
- Courses: DBMS, OOPS, OS, Algorithms (java), Algorithm Design, Computer Networking

## PROJECTS

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### E-Commerce Billing System | *Java, MySQL, NetBeans IDE, JFrame*

[github](#)

- Developed an E-Commerce Billing System with features like user authentication, buyer and product management, and invoicing.
- Leveraged Java, MySQL, and JDBC to implement backend functionality, reducing response time by 30% for product and customer lookups.
- Implemented functionality to generate invoices and save them as PDFs in storage, reducing errors by 40%.

### Banking System | *Java, Swing, JDBC, MySQL*

[github](#)

- Developed a banking system to simulate banking operations such as account management, fund transfer, and transaction history by using transaction handling.
- Optimized database queries, reducing response time by 25% for account balance checks and transaction history retrieval, enhancing system efficiency.
- Real-time fund transfer processing with atomic transaction handling, ensuring funds are accurately transferred and recorded, reducing transaction errors by 30%.

### Airline Management System | *Java, Swing, JDBC, MySQL*

[github](#)

- Designed and implemented an airline management system that handles flight booking, cancellations, and customer information
- Integrated MySQL database for reliable data storage and retrieval, with optimized queries that improve system responsiveness and reduce query times for flight searches by 20%.

## ACHIEVEMENTS

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- Solved 300+ DSA problems across multiple coding platforms, including [LeetCode](#), [HackerRank](#).
- Certificate of Accomplishment Java Programming, MySQL Database.
- 5 Star on java programming in [HackerRank](#).
- Sold my first website in 6k. [link](#)