

# 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.

## PROJECTS

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### Email Client Application | *Java, Swing, JavaMail API, iText, Apache POI, Jsoup, JDBC* [github](#)

- Developed a desktop-based email client using Java Swing and JavaMail API to securely authenticate users and retrieve inbox emails via IMAP.
- Facilitated instantaneous email access and forwarding via SMTP integration; constructed a user-friendly interface using Java Swing to boost email processing efficiency by 15% and reduce user errors.
- Integrated export functionality to PDF, DOCX, and CSV using iText and Apache POI, streamlining data extraction and documentation.

### E-Commerce Billing System | *Java, Spring Boot, 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%.

### Spending Tracker | *Java, Swing, JDBC, MySQL, Apache IDE* [github](#)

- Developed a Java desktop spending tracker application enabling users to add, edit, and categorize expenses efficiently. Implemented dynamic filtering and reporting features with date and category selection, enhancing user experience through intuitive navigation and real-time data updates.
- Integrated MySQL database for reliable data storage and retrieval, with optimized queries that improve system responsiveness and reduce query times for searches by 20%.

## SKILLS

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- Expertise: Data Structures, Algorithms, OOP, Software Development
- Languages: Java (OOPS, DSA, Spring Boot, REST APIs, Maven, Spring mvc), SQL, MongoDB
- Technologies: JDBC, Swing, HTML5, CSS3, Bootstrap, MySQL, RESTful Web Services
- Tools: IntelliJ IDEA, Apache NetBeans, GitHub, VS Code, Postman, Sublime Text, MySQL Workbench
- Other Skills: API Testing (Postman), Debugging, Version Control, Software Development Lifecycle (SDLC), Python

## ACHIEVEMENTS

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- Solved 350+ DSA problems across multiple coding platforms, including [LeetCode](#), [HackerRank](#).
- 5 Star on java programming in [HackerRank](#).
- Certified in Java Programming by HackerRank, Great Learning, and Infosys-Oracle.
- Sold my first website in 6k. [link](#)

## 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*