

# Bhawna Sharma

Yamuna Nagar | +91 9729828097 | [bhawnaasharma0034@gmail.com](mailto:bhawnaasharma0034@gmail.com) | LinkedIn: [Bhawna0034](#) | GitHub: [Bhawna0034](#)

## EDUCATION

---

### Manipal University Jaipur

Master of Computer Applications

Rajasthan, India

Aug 2022 – Sept 2024

- **GPA:** 8.55/10.00
- **Related Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Java Programming, Operating System, Computer Architecture, Computer Network

## PROJECTS

---

### Uber Clone Spring Boot Project | *Spring Boot, Hibernate, PostGIS, PostgreSQL, Spring Security*

[Code](#)

Sole Developer

Aug 2024 – Sept 2024

- Worked on a real-world **Uber Project** clone backend in **Spring Boot** so that users can **book a ride online**.
- Built features like **Authentication and Authorization** with **Spring security**, implemented **Ride booking strategy** with multiple **Design patterns** which can potentially reduce the ride waiting time by 50%.
- Handling the complete flow of **ride booking application**, from ride request via riders to ride accept via the drivers to the **payment handling** via wallets.

### College Management System | *Spring Boot, Hibernate, SQL*

[Code](#)

Sole Developer

June 2024 – July 2024

- Developed a comprehensive College Management System using **Spring Boot**, incorporating **Spring Data JPA** and **Hibernate** for efficient **ORM** and reliable data management.
- Managed essential academic functions such as student enrollment, subject management, professor details, and admission records, utilizing **One-to-One**, **One-to-Many**, **Many-to-One**, and **Many-to-Many** relationships.
- Implemented **RESTful APIs** for CRUD operations on entities like Student, Professor, Subject, and Admission Records, enhancing data manipulation and retrieval.

### ATM Transaction Monitoring System | *Java, JDBC, SQL*

[Code](#)

Sole Developer

May 2024 – June 2024

- Developed a **Java-based** application with a graphical user interface (GUI) using **Java Swing** and **Java AWT**, ensuring an intuitive and user-friendly experience for ATM operations.
- Developed and implemented essential ATM features such as user authentication, cash withdrawal, balance inquiry, and PIN change; streamlined transaction times by an average of 15 seconds per operation for enhanced customer satisfaction.
- Utilized **JDBC** for secure and efficient communication with a **MySQL** database, effectively managing and storing transaction data, user information, and account details.

## CERTIFICATION

---

- **Spring Boot** – Coding Shuttle, Sept 2024
- **Java Programming** – Hackkerank, May 2024
- **SQL** – Hackkerank, March 2024

## CODING PROFILE

---

- [Hackerrank](#)

## SKILLS

---

**Programming:** Java, HTML, CSS, JavaScript, Tailwind CSS, SQL, C

**Technologies/ Framework/ Libraries:** Spring Boot, Spring Data JPA, Hibernate, RESTful APIs, JDBC, Java Swing, Java AWT

**Tools:** IntelliJ, Eclipse, Visual Studio, Git