LUCKY AHIRWAR

Tikamgarh, Madhya Pradesh

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EDUCATION

Chandigarh University, Mohali	**Aug 2022 – June 2026**
*Bachelor of Engineering (Hons.) – CSE (Big Data Analytics) — **CGPA: 7.23***	*Punjab, India*
Excellence School, Tikamgarh	**July 2020 – April 2021**
*Senior Secondary (12th) – Science (Non-Medical) — **Percentage: 85.8***	*Madhya Pradesh, India*
Govt. Excellence School, Tikamgarh	**July 2018 – April 2019**
*Secondary School (10th) — **Percentage: 82***	*Madhya Pradesh, India*

COURSEWORK / SKILLS

- Java
- DSA
- Operating Systems
- OOP Concepts
- DBMS
- SQL
- Spring
- SpringBoot
- RestAPI

PROJECTS

Hospital Management System | Spring Boot, REST API, Spring Data JPA, MS SQL   **2025**
- Engineered a backend application to manage **doctors**, **patients**, and **appointments** using **Spring Boot** and **RESTful APIs**.
- Implemented **CRUD operations** with validations and exception handling via **Spring Data JPA** and **MS SQL Server**.
- Applied clean code principles and layered architecture to ensure **scalability**, **maintainability**, and optimal API performance.

Bank Management System | SQL   **2024**
- Engineered a backend-focused system simulating **account creation**, **transaction processing**, and **balance tracking**.
- Utilized advanced **SQL queries**, **triggers**, and **stored procedures** to automate operations and maintain **data integrity**.

BookStore Management System | Spring Boot, REST API, Spring Data JPA, Hibernate, MS SQL **2024**
- Developed a backend system to manage **books**, **authors**, inventory, and orders using **Spring Boot**, **REST APIs**, and **Spring Data JPA**.
- Executed **CRUD operations** with **Hibernate ORM** and **MS SQL Server** for optimized and reliable data persistence.
- Adopted modular layered design for **scalability** and tested APIs through **Postman** and **Swagger UI**.
- **GitHub Repository:** Click Here

TECHNICAL SKILLS

Languages: Java, Python, C++, SQL
Frameworks / Libraries: NumPy, Pandas, Spring, Spring Boot (ongoing)
Developer Tools: VS Code, IntelliJ, PyCharm, Git, GitHub , Eclipse

CERTIFICATIONS

- Decode Java with DSA Course - PW Skills (March 2024)
- Power BI for Beginners: Sales Data Exploration - Coursera
- Introduction to Java - Coursera
- Data Analysis and Visualization with Power BI - Coursera
- Problem Solving (Basic) - HackerRank
- DSA Self-Paced Course - GeeksforGeeks

EXTRACURRICULAR

- Completed the 7-week SWC 2025 program aimed at enhancing industry readiness through soft skills development, mock interviews, and technical workshops.   **2025**
- Continuously upskilled through certified courses in Java, Power BI, and Data Structures from platforms like Coursera, PW Skills, and Udemy.