

Kartikey Kamal

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SUMMARY

Developer with strong foundation in Core Java, MySQL, and web application development. Experienced in building functional applications using OOP, JDBC, and database management. Proficient in Data Structures and Algorithms with hands-on experience in CRUD applications and normalized database design. Skilled in Git/GitHub and collaborative development.

Education

Kanpur institute of technology

Bachelor of Technology in Computer Science

2022 – 2026

- CGPA: 6.4/10.0

Maharana pratap education center

Intermediate - 69.2

2020 – 2021

Maharana pratap education center

High school - 68.0

2018 – 2019

Projects

Student Management System

2025

- Developed Java application for managing student records with add, update, delete, and search functionality using Core Java, JDBC, and MySQL.
- Implemented OOP concepts (classes, inheritance, encapsulation) to structure student, course, and enrollment modules.
- Designed normalized database with tables using primary/foreign keys and Prepared Statements for secure operations.
- Tools: Core Java, JDBC, MySQL

Portfolio

2025

- Built a fully responsive portfolio website with cross-browser and mobile optimization.
- Developed dynamic UI components using vanilla JavaScript (smooth scrolling, interactive cards, form validation).
- Applied modern CSS (Flexbox, Grid, animations) for a clean, accessible, and well-structured design.
- Tools: HTML5, CSS3, JavaScript

Technical Skills

Languages: HTML, CSS, JavaScript, JAVA, Python, SQL

Java Technologies: Core Java (OOP, Collections, Exception Handling, File I/O, Multi threading), JDBC

Database: MySQL (CRUD Operations, Joins, Aggregate Functions, Constraints, Normalization)

Tools/Platforms/IDEs: MySQL, Git, GitHub, VS code

Achievement & Certifications

- Participated in the IIITM Gwalior Hackathon on Infotsav 2024, applying real-world problem solving in a collaborative environment.
- Competed in Kriyeta 3.0, a national-level hackathon that showcases innovation and technical skills under time constraints.
- Represented my team at Hacksagon 2025, a national hackathon hosted by IIITM Gwalior, developing creative tech-driven solutions.
- Attended technical workshops on Git ,GitHub, Artificial Intelligence, and modern development tools to enhance practical knowledge and stay current with industry trends.