

Vicky Gupta

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🌐 LinkedIn | 🐙 GitHub | 🌐 GFG Profile | 🚀 HackerRank

Career Summary

Motivated software enthusiast with a strong grasp of programming concepts and problem-solving skills. Passionate about technology, teamwork, and continuous learning. Seeking opportunities to contribute meaningfully and grow professionally.

Education

MCA	Cochin University College of Engineering kuttanad, Kerala CGPA: 8.08*	2024 – Present
BCA	Aryabhatta Knowledge University, Bihar CGPA: 8.5	2020 – 2023

Skills

Programming Languages: Java, C, C++ (Basics), Python

Frameworks and Libraries: Spring Boot, JPA, Hibernate, Maven

Databases: MySQL, SQL

Developer Tools: VS Code, IntelliJ IDEA, Postman, MySQL Workbench, Git and GitHub

Relevant Coursework: Data Structures, Computer Networks, Object-Oriented Programming (OOP), Operating Systems, DBMS

Projects

Student Library Management System

Developed a backend application to manage library operations such as book issuance, returns, and student records. Designed and implemented RESTful APIs for core functionalities using Spring Boot.

Utilized MySQL with JPA and Hibernate for efficient data persistence and object-relational mapping.

Followed layered architecture (Controller, Service, Repository) for clean code structure and maintainability.

Implemented DTOs and entity converters to ensure smooth data transfer between API and database layers.

Used Postman to test endpoints and validate request/response handling for all CRUD operations.

Implemented pagination and sorting to efficiently manage large sets of data in API responses.

Used simple exception handling to return clear and appropriate error messages.

Validated input data using annotations to ensure correctness and avoid invalid entries.

Managed dependencies and project build lifecycle using Maven.

Tech Stack: Java, Spring Boot, REST API, MySQL, JPA, Hibernate, Postman, Maven

Achievements and Interests

- **HackerRank** – Software Engineer Intern (Feb 2025)
[Certificate Link](#)
- **HackerRank** – Java (Basics) (Feb 2025)
[Certificate Link](#)
- Solved 150+ questions on GeeksforGeeks (GFG)
- Solved 100+ questions on HackerRank
- Event Management Enthusiast

Extra-Curricular Activities

- **ADCA (Advance Diploma in Computer Application)** (May 2017 – May 2018)
[Certificate Link](#)
- Alumni Cell Coordinator
- Teamwork and Leadership
- Problem Solving
- Active NSS Member