HIMANSHU KUMAR YADAV

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EDUCATION

B.Tech in Computer Science, IP University 2020 − 2024
Specialization: Software Development Practices

ABOUT ME

Entry-level Software Developer skilled in Core Java, SQL, Spring Boot, and REST API development. Experienced in backend development and database management. Seeking opportunities to apply technical expertise, contribute to real-world IT projects, and continue learning through hands-on experience.

PROJECTS

Journal Entry App

- Built a personal Journal Entry application supporting CRUD operations for 50+ users.
- Integrated MongoDB for scalable storage and quick retrieval of notes.
- Developed Spring Boot REST APIs, reducing server response time by **18%**.
- Increased overall data retrieval efficiency by **20%**.

Student Record Management System

- Designed a system to manage records of **500+ students**, streamlining data access.
- Implemented REST APIs in Spring Boot for smooth backend–frontend interaction.
- Optimized MySQL queries, cutting manual entry time by **40%**.
- Improved average data retrieval speed by **25%**.

Library Management System

- Created a Library Management platform to track books, members, and issue/return records.
- Used MySQL for reliable storage and faster searches across 1,000+ records.
- Enhanced system stability and search speed by **30%**.
- Built REST APIs enabling efficient communication between backend and client apps.

ATM Interface

- Engineered an ATM system supporting withdrawals, deposits, and balance inquiries.
- Connected with MySQL to manage account and transaction data securely.
- Developed Spring Boot REST APIs for user–system interactions.
- Handled **100+ transactions/day**, improving transaction speed by **25%**.

SKILLS

Languages	Core Java, SQL, DSA Basics
Frameworks	Spring Boot
Concepts	REST APIs, CRUD Operations, Database Management
Soft Skills	Teamwork, Communication, Leadership, Time Management