

NIKHEEL KUMAR

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 [LinkedIn](#) |  [Github](#) |  [LeetCode](#)

Kolkata, West Bengal - 700107, India

EDUCATION

• Heritage Institute of Technology, Kolkata

Bachelor of Technology in Computer Science and Engineering

◦ CGPA: 8.66/10 (till 6th semester)

June 2023 - June 2026

West Bengal, India

SKILLS

- **Programming Languages :** Java, SQL, JavaScript
- **Web Technologies:** HTML, CSS, Bootstrap , ReactJs, REST API , Spring Boot
- **Database Systems:** MySQL, PostgreSQL
- **DevOps & Version Control:** Git, Github, Docker(Basic), Linux , Nginx (Basic), AWS
- **Other Tools & Technologies:** IntelliJ IDEA, Postman, VS code
- **Subject :** Data Structure Algorithms, Object Oriented Programming, DBMS, Operating System , Software Testing , Agile, Computer Network

EXPERIENCE

• Academy of Skill Development

Full Stack Java Developer Intern

Jan 2025 - Feb 2025

Kolkata, India

- Designed and built RESTful APIs using Java Spring Boot for scalable backend functionality.
- Connected applications to relational databases to handle data storage and retrieval efficiently.
- Secured endpoints with JWT-based authentication and authorization for controlled user access.
- Integrated React frontend with Spring Boot services to deliver responsive full-stack solutions.

PROJECTS

• SplitMate: [Designed to help groups easily log expenses, track spending, and manage bills]

Tools: ReactJs ,Spring Security, Jwt Authentication , REST API , Spring Boot ,Spring Security, PostgreSQL

- In SplitMate, users can create groups to manage shared expenses. Members can record what they spent, and the app automatically splits the bills among group members.
- Implemented JWT-based Spring Boot authentication where an admin generates unique access codes for friends to join via requests, enforcing one-device-per-user restrictions with centralized session management allowing the admin to terminate any user's current session.
- Created a transaction recording module ensuring accurate tracking of who paid how much, with a debt minimization algorithm to calculate the least number of transactions needed for group debt settlement, reducing confusion in payments.
- Used React with JavaScript to improve data retrieval and rendering time by 20% through efficient state management and optimized component updates.

• E Library: [E-Library is a digital platform that allows users to browse and read books online]

Tools: HTML ,CSS , JavaScript ,Spring Security, Jwt Authentication , REST API , Spring Boot , PostgreSQL

- Developed a digital library web application enabling users to browse and read books online, and allowing authors to publish and manage their books, enhancing accessibility to online literature..
- Implemented role-based authentication (User and Author) using JWT and Spring Security to ensure secure access control and protect book publishing and user management functionalities.
- Built a book management module where authors can add, edit, and delete books, while users can browse and read books seamlessly, ensuring a smooth user experience.

ACHIEVEMENTS

- * Solved 250+ DSA problems on LeetCode and GeeksforGeeks.