RISHAV ANAND

Information Technology Graduate | IT Support | Technical Support

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PROFESSIONAL SUMMARY

Information Technology graduate with strong foundations in Java, SQL, DBMS, Object-Oriented Programming, Data Structures and Algorithms, and backend development. Experienced in developing database-driven applications involving data validation, processing, troubleshooting, and system functionality. Strong analytical and problem-solving abilities with clear verbal and written communication. Quick learner with the ability to adapt to new systems, technical processes, and tools. Detail-oriented and proactive with a strong focus on ownership, teamwork, reliability, and timely delivery.

TECHNICAL SKILLS

Programming: Java, Object-Oriented Programming, Collections Framework, Multithreading, Exception Handling
Databases: SQL, MySQL, Relational Database Design, DBMS
IT & Technical Support: Troubleshooting, Debugging, Problem Solving, Data Validation, System Functionality, Technical Issue Analysis
Backend Development: JDBC, Servlets, JSP, Spring Boot, REST APIs
Web Technologies: HTML, CSS, JavaScript, Bootstrap
Tools: Git, GitHub, IntelliJ IDEA, Maven, Postman
Professional Skills: Communication, Analytical Thinking, Team Collaboration, Initiative, Time Management, Adaptability, Process Learning

PROJECTS

Smart E-Commerce Backend Engine *Core Java, MySQL, JDBC, Collections Framework*

- Developed a backend application to manage 500+ product records and cart operations using Core Java and MySQL.
- Designed a normalized relational database schema with data validation and optimized SQL queries for reliable data processing.
- Applied Object-Oriented Programming, Collections Framework, and Exception Handling to develop modular and stable application functionality.
- Analyzed database operations, identified frequently executed queries, and optimized data retrieval for improved application efficiency.

Library Management System *Core Java, Collections Framework, File I/O*

- Developed a console-based application managing 1,000+ book and user records with issue-return functionality.
- Applied inheritance and polymorphism to create modular and reusable components for system operations.
- Used HashMap and ArrayList for efficient record management and faster data retrieval.
- Implemented fine calculation and file handling to automate record processing and improve system reliability.

PROBLEM SOLVING

- Solved 300+ Data Structures and Algorithms problems covering Arrays, Strings, Hashing, Sliding Window, and Trees.
- Applied structured problem-solving, debugging, and analytical approaches across Java and database-based projects.

CORE COMPETENCIES

- Strong analytical, interpersonal, and problem-solving abilities.
- Clear verbal and written communication with a collaborative approach to team-based work.
- Quick learner with the ability to adapt to new systems, tools, processes, and technical requirements.
- Proactive approach to taking ownership of tasks and driving work toward completion.
- Strong time management and attention to detail for timely project delivery.
- Ability to work effectively with people across different technical and functional areas.

EDUCATION

B.Tech in Information Technology **2026**
Haldia Institute of Technology, West Bengal CGPA: 7.49/10