

UJJWAL TRIPATHI

PRAYAGRAJ UP, 211004 INDIA

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ujjwal-tripathi

Education

Dr. A.P.J. Abdul Kalam Technical University, Lucknow

B.Tech in Computer Science and Engineering (CGPA : 7.75)

Sep. 2021 – July 2025

Prayagraj, UP

Central Board of Secondary Education

Class XII (PCM) (Percentage : 72%)

April 2020 – March 2021

Aligarh, UP

Technical Skills

Languages: Java, SQL

Developer Tools: IntelliJ IDEA, VS Code

Frameworks & Concepts: JDBC, OOP, Data Structures and Algorithms

Database Management Systems: MySQL

Relevant Coursework

- | | | | |
|-------------------|-----------------------|---------------------------|-------------------------|
| • Data Structures | • Python Programming | • Artificial Intelligence | • Computer Networks |
| • Cloud Computing | • Database Management | • Operating System | • Computer Architecture |

Projects

Employee Management System Project | Java, Java Database Connectivity(JDBC), MySQL (July 2024)

- Built a GUI-based desktop application to manage employee records, ensuring smooth addition, update, and deletion of data.
- Integrated MySQL database using JDBC for reliable and efficient data storage and retrieval.
- Added a secure admin login feature to prevent unauthorized access and protect sensitive information.
- Applied Object-Oriented Programming principles for cleaner structure and easy maintenance of the system.

Library Book Management System | Java, Java Database Connectivity(JDBC), MySQL (August 2023)

- Created a Library Management System to handle books, users, and transactions with an easy-to-use JavaFX interface.
- Integrated MySQL database to support CRUD operations for book entries, issue-return tracking, and fine calculation.
- Designed the GUI to provide librarians a clear view of all records, reducing manual errors and saving time.
- Improved operational efficiency by automating repetitive tasks and simplifying record maintenance.

Transaction Management GUI | Java, IntelliJ IDEA, JavaFX (January 2023)

- Developed a basic banking simulation program to perform transactions like deposits, withdrawals, and balance checks.
- Implemented a simple and interactive GUI using JavaFX to make operations easy to understand for users.
- Applied inheritance and OOP concepts to create multiple account types and maintain reusable code.
- Focused on clear logic and smooth functionality to strengthen understanding of Java fundamentals

Certifications

- Tata Cybersecurity Analyst Job Simulation (Organisation: Forage)
- Advanced Java Programming (Organisation: LinkedIn)
- IT and Cybersecurity Risk Management Essential Training (Organisation: LinkedIn)
- Java Algorithms and Data Structures (Organisation: LinkedIn)
- Learning Office 2024: Word, Excel, PowerPoint, and Outlook (Organisation: LinkedIn)

Leadership / Extracurricular

- * Organized college fests and trips for 200+ participants, managing logistics, budgeting, and schedules.
- * Demonstrated adaptability and problem-solving by handling last-minute changes or challenges.
- * Practiced empathy and active listening to address team concerns and feedback, creating a positive environment.
- * Actively participated in peer mentoring, helping new students adjust to college life and supporting their academic and personal growth.