



# ALOK KUMAR

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## Education

### Heritage Institute Of Technology, Kolkata

*B.Tech in Information Technology, (7.82 DGPA)*

**Oct. 2021 – June 2025**

*Kolkata, India*

### Mothers International Academy

*CBSE (Class XII), Percentage:71.4*

**2021**

*Madhupur, Jharkhand*

### Teresa Block

*CBSE (Class X), Percentage:73.83*

**2019**

*Dhanbad, Jharkhand*

## Projects

### Ferns & Petals Sales Analysis | *Excel*

**May 2025**

- Designed an interactive Excel dashboard analyzing sales, customer, and product data to uncover trends in revenue, delivery time, and product performance.
- Utilized Power Query, Pivot Tables, and formulas for data cleaning, transformation, and KPI calculation (total revenue, average delivery time, customer spending).
- Generated actionable insights on monthly sales trends, top products, and revenue by occasion, aiding data-driven decision-making.

### HR Attrition Analytics | *Excel, SQL, Power BI*

**August 2025**

- Designed and developed an HR analytics dashboard in Power BI to analyze data of 1,480 employees, identifying an overall attrition rate of 16% and highlighting risk segments across departments, job roles, and salary bands.
- Utilized Excel for data cleaning and pre-processing, then used SQL queries for data modeling and calculations (attrition rate, salary banding, and tenure analysis) before connecting to Power BI.
- Delivered actionable insights with KPI cards (avg age, avg salary, avg tenure) and visualizations by age group, gender, job role, education field, salary band, and years at company, enabling interactive exploration through filters and slicers.

## Technical Skills

- **Languages & Frameworks:** Java, Python, SQL.
- **Tools & Platforms:** Microsoft Excel, Microsoft Power BI, VS Code, Jupyter Notebook, MySQL, Google Colab.

## Achievements

- Participated in SIH Hackathon.
- Represented my School in Volleyball upto Zonal Level, demonstrating teamwork, discipline and competitive spirit.

## Relevant Coursework

- Database Management System
- Data Structures & Algorithms
- Object Oriented Programming

## Positions of Responsibility

- Jamtara District Volleyball Captain in 2017
- Captain, Heritage Volleyball Team (2023-2025)

## Languages

- **English**(Read, write, and speak)
- **Hindi**(Read, write, and speak)
- **Bengali**(Speak only)