

AYUSH RANJAN

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OBJECTIVE

To work in a challenging environment that allows me to apply my skills, enhance my knowledge, and gain valuable experience — contributing to both personal growth and organizational success through **integrity**, **accountability**, and **resilience** in every task while **driving results** with passion.

TECHNICAL SKILLS

Programming Languages	Core Java, JavaScript, Python (Pandas)
Web Development Tools/Frameworks	HTML, CSS
Database	MySQL
Data Analytics Tools	MS Excel, Tableau, Power Bi
Operating System	Windows, Linux
Cloud Services	Amazon Web Services(AWS)

EDUCATION

Bachelor of Technology in Computer Science and Engineering IIMT College of Engineering, Greater Noida, Uttar Pradesh. SGPA: 8.9	2021 - Present
CBSE, Class XII Adarsh Vidya Mandir, Bokaro, Jharkhand, 90%	2019
CBSE, Class X Adarsh Vidya Mandir, Bokaro, Jharkhand, 10 CGPA (95%)	2017

PROJECTS

- SQL Pizza Sales Analysis** MySQL
Analyzed pizza sales data using SQL to extract key business insights with a strong focus on accountability and result-driven analysis.
 - Wrote optimized queries to calculate total revenue, sales trends, and best-selling pizzas.
 - Utilized **JOINs**, **GROUP BY**, **subqueries**, and **indexing** for efficient data retrieval.
 - Designed views and reports for quick access to business insights.
- Data Career Analysis** MS Excel, Power Bi
Created an interactive Power BI dashboard analyzing data professional survey insights, showcasing roles, salaries, tools, and satisfaction metrics using Excel data.
 - Designed an interactive Power BI dashboard using Excel data to analyze survey responses from **63 million** data professionals.
 - Visualized key insights including job roles, salaries, preferred programming languages, and geographic distribution.
 - Incorporated advanced charts (bar charts, pie charts) to display satisfaction metrics and entry challenges in the data field.
- Sorting Visualizer** HTML, CSS, JavaScript
*The Sorting Visualizer demonstrates sorting algorithms like **Bubble Sort**, **Merge Sort**, **Quick Sort**, **Heap Sort**, **Selection Sort**.*
 - Developed using **HTML**, **CSS** and **JavaScript** for structure, style, and interactivity.
 - Features include **dynamic animations**, algorithm selection, input size customization, and speed control.
 - Enhances understanding of sorting algorithms through visual representation and step-by-step execution.

CERTIFICATIONS

- **Basic SQL:** HackerRank (April 2025)
- **Data Visualization:** Kaggle (January 2025)
- **Data Visualization: Empowering Business with Effective Insights**– TATA (October 2024)

ACHIEVEMENTS

- Secured First Rank in all past semesters.
- Demonstrated **integrity and accountability** by consistently delivering quality academic and project outcomes.
- Achieved a 99.65 percentile score in the **eLitmus** exam.