



# Ravi Kant Singh

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## EDUCATION

### DELHI TECHNOLOGICAL UNIVERSITY END-TO-END SALES DATA ANALYTICS SOLUTION

B.TECH IN MATHEMATICS AND  
COMPUTING

2022 – 2026 (Expected) | CGPA:  
5.53/10.0

### KENDRIYA VIDYALAYA AGCR

CBSE Class XII (2021) - 84.6%  
CBSE Class X (2019) - 80.6%

## PROFESSIONAL

### SUMMARY

A data-driven and analytical Mathematics and Computing student with a strong foundation in statistical analysis, business intelligence, and process optimization. Proficient in leveraging Python, SQL, and Power BI to translate complex datasets into actionable insights. Proven ability in stakeholder management and project coordination demonstrated through leadership roles in large-scale event management. Eager to apply quantitative skills to drive data-informed decision-making in a challenging analyst role.

## TECHNICAL SKILLS

### DATA ANALYSIS & VISUALIZATION:

- Python (Pandas, NumPy, Matplotlib)
- SQL (MySQL, PostgreSQL)
- Power BI • Tableau
- MS Excel (Pivot Tables, VLOOKUP)
- Statistical Analysis • ETL Processes

### PROGRAMMING & DATABASES:

- C/C++ • HTML/CSS
- NoSQL (MongoDB)

### TOOLS & PLATFORMS:

- Git / GitHub
- Docker
- JIRA (Familiarity)
- MS Office Suite

## ACADEMIC PROJECTS

May 2025 – Jun 2025 | GitHub Repository

- Developed an end-to-end analytics project by extracting, transforming, and loading historical sales data to identify key business trends and performance metrics.
- Engineered interactive dashboards and visualizations in **Power BI** to track KPIs such as revenue patterns, product performance, and regional sales penetration.
- Executed complex **SQL** queries to analyze large datasets, providing actionable recommendations that informed inventory management and marketing strategies.
- **Tech Stack:** Python (Pandas, Matplotlib), SQL, Power BI.

### PERSONAL PORTFOLIO WEBSITE

Jan 2025 – Feb 2025 | GitHub Repository

- Designed and deployed a fully responsive personal portfolio website using **ReactJS** and **Tailwind CSS**, achieving 90% mobile responsiveness and improved page load performance.
- Hosted the application on GitHub Pages, ensuring seamless deployment and reliable accessibility.
- **Tech Stack:** ReactJS, Tailwind CSS, Github Pages.

## LEADERSHIP & COLLABORATION

### CULTURAL COUNCIL – ENGIFEST COORDINATOR

Sept 2022 – Present | DTU

- **Stakeholder Management:** Collaborated with university leadership, 20+ cultural societies, and corporate sponsors to organize 10+ campus-wide events for over 10,000 attendees.
- **Communication & Presentation:** Developed targeted marketing strategies and presented value propositions to secure prime sponsorships from **OnePlus**, **Google Gemini**, and **Intel**.
- **Impact-Driven Results:** Led fundraising efforts that generated over ₹1.2 Crore in monetary funding within a 4-month period for Engifest 2025.

### YUVAAN – LITERATURE AND FILM COUNCIL

Sept 2022 – Present | DTU

- **Risk Management:** Devised and executed a comprehensive security and logistics roadmap for 30+ large-scale events, ensuring zero safety incidents and seamless operations.
- **Project Coordination:** Managed logistics for 50+ visiting artists by coordinating with 25+ internal and external stakeholders.

### CLASS REPRESENTATIVE – MATHEMATICS AND COMPUTING

Aug 2023 – Jul 2024 | DTU

- Served as the primary liaison between faculty and 80+ students, effectively communicating academic requirements and consolidating student feedback to improve course structure.