

Akanksha Kumari

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Education

Degree	CGPA	Year
MCA, Jaypee Institute of Information Technology	7.81	2027
BCA, Greater Noida Institute of Technology	7.88	2025

Technical Skills

Programming: Python, SQL
Visualization: Power BI, Tableau, Excel
Databases: MySQL
Libraries: Pandas, NumPy, Scikit-Learn, Matplotlib
Machine Learning: Classification, Recommendation Systems, Feature Engineering, Model Evaluation
Tools: Git, GitHub, VS Code
Core Concepts: Data Cleaning, ETL, Data Analysis, Dashboarding, Statistics, Data Structures

Projects

Banking Analytics Dashboard — Power BI, SQL, MySQL

- Built an interactive banking dashboard for loan, deposit, and savings analysis.
- Performed ETL on a 24-column dataset using MySQL and Power BI.
- Created KPI cards, drill-down reports, and customer segmentation dashboards.

Transaction Fraud Detection System — Python, XGBoost, Flask

- Developed an end-to-end fraud detection pipeline using Machine Learning.
- Applied feature engineering and Boruta feature selection.
- Achieved 94.4% precision and deployed the model using Flask API.

Internship Experience

HashedBit Innovations May 2024 – July 2024
Data Science Intern

- Developed a recommendation engine for 1,000+ products using content-based filtering.
- Used Python, Pandas, and cosine similarity for product recommendations.
- Improved user engagement through Frequently Bought Together logic.

3i Infotech Limited May 2026 – Aug 2026
Data Analyst Intern

- Analyzed and cleaned datasets using SQL and Python.
- Developed Power BI/Tableau dashboards for KPI monitoring.
- Automated reporting workflows and generated business insights.

Certifications

- Deloitte Data Analytics Virtual Job Simulation
- JPMorgan Chase Software Engineering Virtual Experience
- GeeksforGeeks Data Structures and Algorithms
- Machine Learning and Deep Learning – Udemy

Achievements

- Gold Medalist – Inter-College Badminton Competition
- Gold Medalist – Inter-College Basketball Competition