

BIKASH SWAIN

Aspiring Data Analyst | MCA Student

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SUMMARY

MCA student with hands-on project and training experience in data analysis using Excel, SQL, Python, Pandas, NumPy, and Power BI. Skilled in cleaning and organizing data, exploratory data analysis, statistical analysis, and building visualizations and dashboards to identify trends and patterns. Experienced in applying regression, classification, and clustering to real-world datasets, and in turning raw transaction data into clear, actionable insights.

SKILLS

Data Analysis: Data Cleaning, Exploratory Data Analysis, Statistical Analysis, Pattern and Trend Identification

Tools: Excel, SQL, Python, Power BI, Git, GitHub

Python Libraries: Pandas, NumPy, Matplotlib, Seaborn

Visualization & Reporting: Power BI Dashboards, Data Visualization, Insight Reporting

Machine Learning: Regression, Classification, Clustering

Other: Flask, React.js, OpenCV, PDFPlumber, JavaScript

PROJECTS

Personal Finance Analytics & Bank Statement Analyzer

Python, Pandas, Matplotlib, PDFPlumber, Flask, React.js

- Developed a financial analytics application to extract, clean, and analyze transaction data from bank statement PDFs.
- Analyzed cash flow, balance trends, credit/debit transactions, and spending patterns, presenting insights through visualizations and a dashboard.

Human Face Recognition System

Python, InsightFace, OpenCV, ONNX Runtime, NumPy, Flask, React.js

- Developed a full-stack application for real-time face registration, recognition, authentication, and user management.
- Implemented face detection, facial embeddings, and cosine similarity matching for real-time multi-face recognition, achieving approximately 90% recognition accuracy under tested conditions.

EXPERIENCE

Data Analytics Trainee

Nirmaan Organization | May 2026 - Aug 2026

- Gained hands-on experience in Python, Pandas, NumPy, Power BI, data analysis, and visualization through practical projects and datasets.
- Applied regression, classification, and clustering techniques to real-world datasets through practical projects.

Full-Stack Developer Intern

TechZex Software Pvt. Ltd. | Mar 2024 - Nov 2024

- Developed responsive web applications using HTML, CSS, Bootstrap, Tailwind CSS, JavaScript, jQuery, React.js, and PHP/MySQL.
- Collaborated with developers and debugged application issues.

EDUCATION

Master of Computer Applications (MCA), CGPA: 8.33

Gandhi Institute of Technology and Management | Expected 2027

Bachelor of Science (B.Sc.), CGPA: 8.57

Navajyoti +3 Science College | 2025