



Sachin Zade
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PROFILE SUMMARY

Analytical and detail-oriented **Data Analyst** with strong foundations in **Python, SQL, and Power BI**. Experienced in transforming raw data into actionable insights through dashboards, predictive models, and automation pipelines. Passionate about leveraging data-driven decision-making to solve real-world business challenges. Seeking a Data Analyst or Business Analytics role to apply analytical and visualization skills for impactful outcomes.

EDUCATION

- National Institute of Technology, Raipur** 2022 – 2026
B.Tech in Biotechnology CPI: 7.35 (2025)
- Jawahar Navodaya Vidyalaya, Gondia** 2020
Class XII, CBSE Percentage: 88.6%

TECHNICAL SKILLS

Programming: Python, C++, SQL, Shell
Data Analysis: Pandas, NumPy, Matplotlib, Seaborn, Plotly
Visualization Tools: Power BI, Tableau, Excel (Advanced)
Databases: MySQL, PostgreSQL, MongoDB
Other Tools: BeautifulSoup, Git, GitHub, Jupyter Notebook
Core Competencies: Data Cleaning, ETL, Statistical Analysis, Dashboarding, Reporting, Business Insights, Predictive Modeling

PROJECTS

- NITRRDash – Placement Trends Dashboard – GitHub**
 - Analyzed five years of NIT Raipur placement data to uncover salary and sectoral trends.
 - Built an interactive **Power BI** dashboard improving placement insight accessibility by **40%**.
- Central Fund Allocation & Utilization Analysis (2017–2023) – GitHub**
 - Cleaned and visualized government financial data using **SQL and Power BI**.
 - Identified under-utilization patterns and regional disparities in fund allocation efficiency.
- E-commerce Customer Segmentation & Churn Prediction – GitHub**
 - Performed **RFM segmentation** and built churn prediction model using **Python (Scikit-learn, XGBoost)**.
 - Improved retention prediction accuracy by **18%** and visualized insights in Tableau.

EXPERIENCE

- Pandit Ravishankar Shukla University (PTRSU)** June 2025 – Aug 2025
Raipur
Research Intern – Bioinformatics & Data Automation
 - Automated bioinformatics data pipelines using **Python** to accelerate analysis workflows.
 - Processed and cleaned over **10K+ biological records**, generating insights that improved analysis efficiency by **25%**.
- Water Treatment Plant** June 2024 – Aug 2024
Bhatagaon, Raipur
Data Intern – Process Performance Analysis
 - Collected and analyzed operational data to evaluate plant efficiency and performance metrics.
 - Created **Power BI dashboards** and summarized contaminant reduction rates for performance monitoring.

POSITIONS OF RESPONSIBILITY

- Vice President**Biotechnology Students Association (BITSA) - NIT Raipur May 2024 – Present
- Head Coordinator**Shaurya Sports Committee, NIT Raipur 2024 – Present

ACHIEVEMENTS

- Rajya Puraskar Award**The Bharat Scouts & Guides Aug 2017
- Vice Captain**School Sports Team, Class XII 2020

INTERESTS

Data Visualization, Machine Learning, Public Dashboards, Tech Podcasts, Android Customization, Badminton