RITHIKESH RATHI

Bachelor of Technology
in Instrumentation and Control
Netaji Subhas University of Technology

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in Rithikesh

EDUCATION

Degree	Institute/Board	CGPA/Percentage	Session
Bachelor of Technology	Netaji Subhas University of Technology	7.97	2021-2025
CBSE (Class XII)	Mamta Modern Sr Sec School	96.6%	2020-2021
CBSE (Class X)	Mamta Modern Sr Sec School	93.0%	2018-2019

EXPERIENCE

- **IBM** *July 2024 - Present*
  Data Analyst Training and Internship
  - Led the analysis of large datasets to uncover actionable insights, contributing to a 15% increase in operational efficiency
  - Developed and maintained interactive dashboards using Tableau and Power BI, resulting in a 25% reduction in report generation time.
  - Collaborated with cross-functional teams to define key performance indicators (KPIs) and established automated reporting processes, reducing manual effort by 30%.
- **Encryptix** *May 2024 - June 2024*
  Data Science Intern
  - Conducted statistical analysis on various datasets, uncovering actionable insights. Assisted in developing predictive models, contributing to a 10% improvement in accuracy.
  - Collaborated with senior data scientists to implement data-driven strategies, optimizing operational efficiency.
  - Supported optimization efforts that led to a 5

PROJECTS

- **Retail Sales Optimization Project** *April 2024*
  MS Excel, Python, Tableau
  - Analysed retail sales data to identify trends and patterns, leading to a 15% increase in sales through targeted promotions.
  - Implemented machine learning models to forecast sales, achieving 90% accuracy and optimizing inventory management.
  - Presented analysis results to the marketing team, leading to a 20% increase in campaign ROI.
- **E-Commerce Sales Analysis** *Mar 2024*
  Python , MS Excel
  - Cleaned and structured large datasets (over 500,000 rows) to ensure 99.9% data accuracy and consistency using Pandas.
  - Conducted descriptive and inferential statistical analyses to identify sales patterns, resulting in a 20% increase in targeted marketing effectiveness.
- **Advanced Excel Sales Reporting** *Mar 2024*
  MS EXCEL
  - Developed complex Excel models to track and forecast sales performance, increasing forecast accuracy by 25%.
  - Created pivot tables and utilized advanced formulas (e.g., VLOOKUP, INDEX-MATCH) to automate reporting processes, reducing report preparation time by 50%.
  - Visualized data trends using advanced charting techniques, improving stakeholder comprehension and decision-making efficiency by 20%.

POSITIONS OF RESPONSIBILITY

- **GENERAL SECRETARY**, Team Kalpana, Aerospace Society of NSUT
  - Led and managed a team of 120+ members.
  - Coordinated and oversaw prestigious aerospace competitions, including CANSAT, ISC, & SAE events, with participation from over 300 students annually.
  - Facilitated positive relationships with university administration, faculty, and 15 external organizations to support society activities.
- **CO-LEAD**, Alhansat Solutions Private Limited, IT Services and Consulting Firm
  - Co-led a team of 15 interns at Alhansat Solutions, ensuring effective collaboration and task delegation.
  - Organized and facilitated weekly meetings to track project progress and address challenges, resulting in a 15% improvement in team productivity.
  - Coordinated with hosts and the technical team to secure necessary resources and support, achieving a 100% project completion rate within the designated timeframe.

TECHNICAL SKILLS

- **Skills** : MS Excel (Basic+ Advanced), SQL (Basic+ Advanced), Python, Machine learning, DBMS
- **Libraries** : NumPy, Pandas, Seaborn, Matplotlib, SciPy
- **Dev Tools** : Power BI, MySQL, Kaggle, Jupyter Notebook, Git, VS Code, MS Word, MS PowerPoint, Tableau

CERTIFICATIONS

- **Flipkart Flagship Engineering Campus Challenge**, UNSTOP
- **Innovation Business Model & Entrepreneurship**, NPTEL
- **Databases and SQL for Data Science with Python**, IBM
- **Python for Data Science**, IBM

EXTRA-CURRICULAR ACTIVITIES

- **PR and Finance Intern**, Youth India Foundation
- **Research Intern**, NIT Silchar
- **Campus Ambassador Intern**, Faburn
- **Completed Cloud Computing Training**, NIELIT