RAJ BASU

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Enthusiastic recent graduate in Electronics and Communication Engineering with expertise in SQL, Tableau, Excel, and Python. Proven ability to analyze data and derive actionable insights. Meticulous, adaptable, and eager to contribute to a dynamic professional environment.

EDUCATION

- **Master of Technology, Electronics and Communication (Expected Graduation June 2025)**
  Guru Nanak Institute of Technology, Kolkata, West Bengal
- **Bachelor of Technology, Electronics and Communication (July 2019- June 2023)**
  Guru Nanak Institute of Technology, Kolkata, West Bengal (CGPA-8.13)

CERTIFICATIONS

Data Science Certification – Internshala (15 November 2023 – 14 March 2024)

- Dive into advanced statistical methods and machine learning algorithms to uncover patterns and trends within data.
- Develop practical skills through hands-on projects, empowering you to tackle real-world challenges in various industries

PROJECTS

Website for Medical and Blood Supply by Unmanned Drone - [University Project]

- Skilled in Tailwind CSS and React, developed a user-friendly website with integrated transaction features and efficient admin/provider management.
- Pioneered an online platform with drone delivery for rapid blood and medication services, revolutionizing healthcare accessibility and efficiency, particularly in emergencies.

Auction strategy for a new IPL franchise

- Utilized SQL to analyze historical IPL data, crafting a strategic action plan for a new franchise to assemble a competitive and balanced squad.
- Employed SQL expertise to devise an auction strategy, enabling data-driven decisions for squad selection, and leveraging past IPL performance.

Interactive Sales Dashboard Development for the 'Bike Haven' in Tableau

- Transition from static reports to interactive dashboards for enhanced sales analysis
- Provide sales representatives with access to specific data, integrate historical sales data, and align with the 2023 budget spreadsheet for better performance evaluation

Analyze fitness data using Excel

- Analyzed Fitbit fitness tracker data to deliver marketing and business solutions to We Fit and its subsidiaries

Skills

- Data Analysis: MS-Excel, Data Analytics, Statistical Modelling
- Visualization: Tableau
- Database Management: SQL, Database Management System (DBMS)
- Programming: Python, Machine Learning
- Meticulous attention to detail
- Strong problem-solving skills
- Adaptability to new technologies and environments
- Effective communication and collaboration abilities
- Ability to work efficiently both independently and in team settings