Snehasish Das

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EDUCATION

Bachelor of Technology in Computer Science & Engineering

Future Institute of Technology, Kolkata, West Bengal
(Expected Graduation: July 2026)

Higher Secondary Board Exam in Science

Belgharia High School, Kolkata (2022)

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL, C, HTML, CSS
- **Data Analysis & Visualization:** Pandas, NumPy, Matplotlib, Seaborn, Scikit-Learn
- **Tools:** Power BI, Excel, MySQL
- **Platforms:** Visual Studio Code, PyCharm, Cursor, Google Colab

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PROJECTS

E-Commerce Website Project   *[GitHub](#)*

- Designed and developed a full-stack eCommerce application managing 18 products with secure authentication, cart, Wishlist and order workflows.
- Integrated a payment gateway to enable secure online transactions and real-time order tracking.
- Optimized backend logic and database queries to improve performance and transaction reliability.
- Implemented a responsive, user-friendly UI ensuring cross-browser and device compatibility.

IBM HR Analysis   *[GitHub](#)*

- Performed exploratory data analysis on 1,470 employee records to identify key drivers of employee attrition.
- Applied data cleaning, feature engineering, and statistical summaries across 30+ variables to improve insight accuracy.
- Examined and presented trends across job roles, salary levels, work-life balance, performance ratings, and tenure, uncovering patterns across 9 job roles.
- Derived actionable insights highlighting an attrition rate of ~16%, supporting data-driven retention strategies.

Ecommerce Sales Dashboard   *[GitHub](#)*

- Created a Power BI dashboard consolidating revenue, profit, customer behavior, and payment insights across 20,000+ transactional records, providing a unified business view.
- Cleaned, transformed, and modelled transactional data using Power Query and DAX to calculate 10+ KPIs, enabling detailed analysis with slicers and drill-through pages.
- Automated performance tracking, reducing manual reporting effort by 30–40% and improving overall reporting efficiency.

Blinkit Sales & Operations Analysis   *[GitHub](#)*

- Built a Power BI report analysing ₹1.2M+ total sales across 8,523 transactions, tracking average order value (₹141), customer ratings (~4.0 avg), and product volume across 10 outlets.
- Evaluated operational performance by outlet size, location tier, 16 product categories, and fat-content segments to identify revenue and demand patterns over 9 establishment years.
- Enabled strategic insights using 15+ KPI metrics, segmentation filters, and hierarchical drill-down visuals to compare outlet and category-level performance.

CERTIFICATES

- Smart India Hackathon Finalist 2024 & 2025 | [Certificate](#)   December 2024 & 2025

EXTRACARRICULAR ACTIVITIES

- Hackathon Enthusiast
- Robot Race Participant
- Tech Head of Tic-Tech-Toe (Official Tech-Club of Future Institute of Technology)