Soham Ray

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Career Objective

Detail-oriented Computer Science undergraduate specializing in Artificial Intelligence and Machine Learning, seeking entry-level roles in Data Analytics, Business Analytics, or Machine Learning. Proficient in Python, SQL, data analysis, statistical techniques, and data visualization to transform complex datasets into actionable business insights.

Education

Brainware University, Kolkata   *2022 – 2026*
B.Tech in Computer Science and Engineering (Artificial Intelligence & Machine Learning)
CGPA: 9.36 (Up to 6th Semester)

Class XII — Tantipara N.K Vidyaniketan (WBCHSE)   *2022*
Percentage: 92.2%

Technical & Analytical Skills

- **Programming Languages:** Python, C, Java
- **Data Analysis:** Data Cleaning, Data Transformation, Exploratory Data Analysis (EDA), Feature Engineering
- **Statistics:** Descriptive Statistics, Correlation Analysis, Hypothesis Testing
- **Data Visualization:** Matplotlib, Seaborn, Business Dashboards, Insight Reporting
- **Databases & SQL:** MySQL, PostgreSQL (Joins, Subqueries, Aggregations, Indexing)
- **Business Intelligence:** Power BI (Basic), MS Excel (Pivot Tables, VLOOKUP, Charts)
- **Tools & Platforms:** Jupyter Notebook, Git, GitHub

Projects

Fake News Detection System | ⌂ GitHub
- Performed data cleaning, text preprocessing, and EDA on **20,000+ news articles**.
- Built machine learning classification models achieving **~92% accuracy**.
- Evaluated models using **Precision, Recall, F1-Score**, improving prediction reliability.

CO_2 Emission Prediction System | ⌂ GitHub
- Performed exploratory data analysis and trend analysis on vehicle emission datasets.
- Built regression models to support predictive analysis and environmental impact assessment.

Library Management System | ⌂ GitHub
- Analyzed functional requirements and designed relational database schemas.
- Implemented SQL-based CRUD operations to ensure data accuracy and integrity.

Trainings & Workshops

- **Samsung 2-Day Training** on Blockchain, Brainware University (Oct 2025)
- **NIELIT Bootcamp** on Big Data & Data Science (Jun 2025)
- **IBM Certification** – Getting Started with Artificial Intelligence (Aug 2025)

Achievements

- Ranked among the top 50 teams at **SAP Hackathon 2025**, demonstrating analytical thinking and problem-solving skills.