Chandrajit Banerjee

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Singur, West Bengal

Profile: Adaptable Computer Science undergraduate with a strong background in Python, DBMS, software engineering, and machine learning. Skilled in building real-world solutions and communicating effectively in collaborative, growth-oriented environments.

Education

Dr. B.C. Roy Engineering College
Durgapur, West Bengal
B.Tech in Computer Science and Design
CGPA: 7.49 / 10 2022–2026

Singur Mahamaya High School
Singur, West Bengal
WBCHSE (XII) – 83% 2021
SUBJECTS - PCMB
WBBSE (X) – 82% 2019

Skills

- **Languages:** Python, C, Java
- **Frameworks:** Scikit-Learn, NumPy, Pandas, Seaborn
- **Tools:** Git, GitHub, VS Code, IntelliJ, PyCharm, Jupyter Notebook, Google Colab
- **Databases:** MySQL
- **Coursework:** OOP, OS, DBMS, DSA, CN, Robotics, Data Visualization
- **Soft Skills:** Teamwork, Communication, Problem Solving

Certificates

ISOEH-INDUSTRIAL TRAINING ON NETWORKING (Dec 2023)

ISOEH-INDUSTRAIL TRAINING ON ETHICAL HACKING (May 2024)

HackerRank-SQL (Basic) Certificate (Apr 2025)

HackerRank-Python (Basic) Certificate (Apr 2025)

Hobbies

Travelling ,Playing Football

Work Experience

Machine Learning Intern, Future Interns (May 2025 - Jun 2025)
- Completed three ML projects including sales forecasting, churn prediction, and AI-powered chatbot development.
- Gained hands-on experience in time series forecasting, classification modeling, NLP, and deployment workflows.
-Built end-to-end solutions with real datasets and delivered interactive dashboards and deployable systems.

Projects

Credit Card Fraud Detection System (Jun 2025 – Jul 2025)
- Developed a fraud detection model using logistic regression on anonymized transaction data.
- **Tech:** Python, Pandas, Scikit-learn, PCA, Logistic Regression

Personalized Medicine System using ML (Feb 2024 – May 2024)
Designed an ML using max voting with logistic regression system to assist doctors by identifying cancer type and diagnostic methods using TCGA barcodes.
- **Tech:**Python, Pandas, Scikit-learn, Logistic Regression, Voting Classifier.

RUDRA – Driver Drowsiness Detection System (Jul 2024 – Sep 2024)
- Developed an IoT-based safety system to detect driver drowsiness and alert them in real time.
- Used Arduino Nano, eye-blink sensor, and buzzer to monitor eye closure.
- **Tech:**C++, QRD1114 Sensor, Buzzer, Embedded Systems

Research Work

Personalized Medicine Using ML for Cancer Diagnosis — Accepted in Springer's *International Conference on Advances in Communication, Medical Electronics and Smart Grid Automation* (Expected Feb 2026)
- Proposed a machine learning model to assist doctors in identifying 33 types of cancer using NIC database.