

Shuvam Chakraborty

 GitHub |  LinkedIn |  shuvamchak2001@gmail.com |  +91 6291871701 |  Kolkata, India

SUMMARY

Computer Science graduate (MCA) with a strong interest in Artificial Intelligence, Machine Learning, and Data Science. Familiar with tools like Python, Scikit-learn, TensorFlow, Pandas, and NumPy, and have hands-on experience working with datasets, feature engineering, and techniques such as statistical analysis and basic machine learning. Seeking an internship/position to apply my knowledge and contribute to organizational goals while continuing to learn and grow. **D.O.B:** 17.01.2001

EDUCATION

2023 – 2025	MCA, University of Engineering and Management, Kolkata	<i>SGPA: 8.44</i>
2019 – 2022	B.Sc. (Hons), Netaji Nagar Day College	<i>CGPA: 7.935</i>
2017 – 2019	Higher Secondary, Techno India Group Academia, WBCHSE	<i>Percentage: 58%</i>
2016 – 2017	Secondary, TIGPS, CBSE	<i>CGPA: 8.0</i>

PROJECTS

Movie Recommendation System

 GitHub

TF-IDF, Cosine Similarity, Dash, Python

Content-based movie recommender using TF-IDF over genres, overview, cast, and more. Input: title. Output: top-N similar movies. Optional Dash app for interactive frontend.

Lung Disease Detection from X-Rays

 Colab

TensorFlow, ResNet50, Streamlit, OpenCV

Trained ResNet50 on chest X-rays (70% accuracy), evaluated with F1-score. Deployed via Streamlit for real-time prediction.

PUBLICATIONS

Real-time Anomaly Detection in Network Traffic: A Hybrid ML-DL Approach. Banerjee, S., Basak, B., Mandal, S., Manna, S., Chakraborty, S., Ghatak, S., & Das, A. In *Proceedings of the IEEE International Conference on Engineering Innovations and Technologies (ICoEIT)*, July 4–5, 2025, Bhopal, India.

SKILLS

Programming	Python, Java, C
ML / DL	Scikit-learn, TensorFlow, Random Forest, SVD
Data Analysis & Viz	Pandas, NumPy, Matplotlib, Seaborn
Databases	MySQL
Tools & Platforms	GitHub

CERTIFICATIONS

- IBM Data Science – Coursera
- Microsoft Azure Cloud Services – Coursera
- SQL: Querying Databases – Coursera

INTERESTS

Data Science, Photography, Heritage Exploration, Storytelling