

Deep Adhikary

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TECHNICAL SKILLS

Programming Languages: Python, SQL, Java
Data Visualization: Matplotlib, Seaborn, Power BI

Data Analysis & ML: NumPy, Pandas, Scikit-Learn, NLP
Databases: MySQL, SQLite3

EDUCATION

Academy of Technology, Makaut
Master of Computer Application (MCA)

CGPA : 8.16
Oct 2023 – Oct 2025

Chandernagore College, University of Burdwan
B.Sc. in Mathematics

CGPA : 9.11
Jul 2019 – Jul 2022

Bagati Ramgopal Ghosh High School, WBCHSE
Higher Secondary Education

80.80 %
May 2019

Bagati Ramgopal Ghosh High School, WBBSE
Secondary Education

72.57 %
Mar 2017

PROJECTS

StockSaver | [LINK](#)
Medical Stocks Management System

Oct 2024 – Jan 2025

Technologies: Django, React.js, SQLite3

- Developed a system to streamline inventory tracking and reduce stock discrepancies.
- Designed user-friendly interfaces and real-time dashboards for efficient monitoring.
- Implemented automated restocking alerts to enhance inventory management.

Cinemax | [LINK](#)
Online Movie Ticket Booking System

Dec 2024 – Feb 2025

Technologies: MERN Stack, Razorpay, Google Auth 2.0, JWT

- Created a platform for browsing movies, selecting showtimes, and purchasing tickets.
- Integrated secure payment processing with Razorpay for transactions.
- Implemented Google Auth 2.0 for user authentication and JWT for secure sessions.

Movie Recommendation System | [LINK](#)
Content-Based Recommendation Engine

Present

Technologies: Python, Scikit-Learn, Pandas, NumPy

- Developed a content-based movie recommender using Python, Pandas, and Scikit-learn on a dataset of 4.8K+ movies.
- Applied TF-IDF vectorization and cosine similarity to rank movie relevance, achieving 85% accuracy.
- Integrated title-based search to deliver the top 5 recommendations with sub-second (<1s) response time.

EXPERIENCE

Subject Matter Expert | Chegg | [LINK](#)

Nov 2022 – July 2023

- Provided expert guidance on complex mathematical concepts to enhance student understanding.
- Provided comprehensive solutions to mathematical problems.
- Delivered clear explanations and tailored support to meet diverse student needs.

CERTIFICATIONS

- **Problem Solving through Programming in C** | [CERTIFICATE](#) - IIT Kharagpur, NPTEL Swayam | **60%** | Jan-Apr 2024
- **Software Engineering** | [CERTIFICATE](#) - IIT Kharagpur, NPTEL Swayam | **53%** | Jul-Dec 2024
- **MySQL Basis** | [CERTIFICATE](#) - Great Learning | Nov 2023
- **Aryabhatta National Maths Competition** | [CERTIFICATE](#) - AICTSD | Jul 2020