

ASIM MANDAL

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DOB: 02.05.1999

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[Github](#)

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I am willing to utilize my skills and knowledge creatively and contributing effectively for organizational growth. I want to be an astute learner look forward to build an innovative career in your esteemed organization.

SKILLS

- Python, MySQL
- Machine Learning
- NLP (PoS, NER, BOW)
- AWS (IAM, EC2, S3)
- HTML, CSS
- GIT, GitHub
- Selenium
- Generative AI (LLM)

EXPERIENCE

WORK BASED LEARNING INTERNSHIP

Oct 2022 – Oct 2023

CDAC (R&D), Kolkata, Govt. of India (Meity): (Language Technology)

- Worked on **Authorship Attribution** project using Natural Language Processing (NLP) and Machine Learning (ML) to identify and analyze the writing style of various authors. Through this project, I have gained valuable experience in analyzing and manipulating text data, as well as developing NLP models to perform tasks such as language translation, text classification, and sentiment analysis. [Video Presentation](#)

CHATBOT DEVELOPER INTERNSHIP

Dec 2024 – Jan 2025

Edunet Foundation (Remote)

Developed an intelligent chatbot capable of understanding user intents and generating dynamic responses using Natural Language Processing and machine learning techniques.

- Trained and evaluated multiple classifiers (Logistic Regression, SVM, Naive Bayes, Random Forest, KNN).
- Selected **Random Forest** as the final model based on the highest **F1-score of 0.95** and overall **accuracy of 96%**.

EDUCATION

B.Tech - Computer Science and Engineering

2022

Sanaka Educational Trust's Group of Institutions - Durgapur , West Bengal
8.39 CGPA

PROJECTS

- **Authorship Attribution** – It is a digital forensics tool which will verify and identify the author of a given digital query text by extracting their different types of stylometric and linguistic features. I have achieved **85-90% Accuracy** on our own datasets and collected from internet datasets.
 - Preprocessed text data by applying tokenization, lemmatization, stopwords removal, and feature standardization.
 - Extracted key linguistic features such as word frequency, average sentence length, punctuation usage, and function word distribution.
 - Visualized feature importance and confusion matrices to interpret model results and detect biases.
- **Facebook Post links scrapping using Selenium** - Developed a specialized system using whoPostedWhat.com to efficiently search and collect a variety of Facebook posts based on user-defined keywords and timeframes.
- **Reverse Image search using Selenium** – Utilized Google Lens and TinEye to identify and trace images across the internet.
- **ManageMyRestaurant** – Build a fully functional website to help in orders for the Restaurants and Waiters with the help of **ChatGPT**. Whole website builds with Prompt Engineering Techniques. [Link](#)

CERTIFICATIONS

- AICTE Internship: [View](#)
- Great Learning: [Selenium with Python , ML Algorithms](#)
- LinkedIn: [Introduction to LLM](#) , [AWS for Developers](#)