

SINCHANA CHATTERJEE

Howrah, West Bengal, India • +91 9073262628 • csinchana19@gmail.com

[GitHub](#) • [LinkedIn](#)

SKILLS

Java | Python | Machine Learning | Deep Learning | Data Analysis | MySQL | HTML | CSS | JavaScript | Bootstrap
Node.js

INTERNSHIPS

Slash Mark (Online Internship)

Jan 2024 - Apr 2024

- Accomplished the Machine Learning internship with projects, that improved my Machine Learning, Python Programming skills and Recommendation System modeling.
- Developed projects including Spotify Song Recommendation System, Black Friday Sales Prediction, Blood Donation Prediction, MNIST Digit Classification, etc.

Coding Raja Technologies (Online Internship)

Dec 2023 - Jan 2024

- Completed Internship on Machine learning, Deep learning and Transfer learning models to explore techniques and enhance my skills.
- Spearheaded projects Twitter Sentiment Analysis, a NLP Project using the Naive Bayes algorithm achieving a **precision of 67%**, Developed a Food Image Classification system using Transfer Learning with the **ResNet** model achieving a validation **accuracy of 95%**.

EDUCATION

MCKV Institute of Engineering, Liluah, Howrah, West Bengal, 711204

2021- 2025

B.Tech in Computer Science Engineering and Data Science

CGPA : 9.41 (avg. upto 5th Semester)

PROJECTS

Male Female Voice Identification Using Deep Learning

- Developed a male-female voice identification system using deep learning, achieving a 99% accuracy on test data.
- Verified the model's robustness with a validation accuracy of 98.22% and a validation AUC of 99.58%, ensuring reliable performance on unseen data.
- Utilized the **Librosa library** to transform voice data into CSV format, enabling efficient preprocessing and feature extraction.

GitHub URL : <https://github.com/siniekkoo19/Male-Female-Voice-Identification>

Movie Recommendation System

- Developed a **Data Science** project: a Recommendation System web application utilizing **Cosine Similarity** and the **Streamlit** library.
- Used cosine similarity to calculate the similarity between the movies.

GitHub URL : <https://github.com/siniekkoo19/Movie-Recommendation-System>

Spotify Clone

- Developed a Spotify desktop homepage clone using **HTML**, **CSS**, and **Bootstrap** to replicate key functionalities of the popular music streaming platform.

GitHub URL : <https://github.com/siniekkoo19/Spotify-Clone>

Project URL : <https://siniekkoo19.github.io/Spotify-Clone/>

Currency Converter

- Engineered a dynamic Currency Converter application with **HTML**, **CSS**, and **JavaScript**, leveraging an **external API** to facilitate real-time currency conversions between countries.

GitHub URL : <https://github.com/siniekkoo19/Currency-Converter>

Project URL : siniekkoo19.github.io/Currency-Converter

CERTIFICATIONS

- Certified in **Data Structure And Algorithms Using Java**, NPTEL, Jun 2023 - Nov 2023
- Certified in **Machine Learning A-Z: AI, Python & R**, Udemy, Aug 2023 - Oct 2023
- Certified in **Data Analytics with Pandas and Python**, Udemy, Jul 2023 - Aug 2023
- Certified in **The Joy of Computing using Python**, NPTEL, Jan 2023 - Apr 2023
- Certified in **Python for Data Science**, NPTEL, Jan 2023 - Mar 2023