



DEBOSMITA CHOWDHURY

+91 7044514730 | ✉️ debosmitachowdhury20@gmail.com

 <https://www.linkedin.com/in/debosmita-chowdhury-777529302>

 <https://github.com/dgit05>

ASPIRING AI ENGINEER

TECHNICAL SKILLS

- HTML5
- CSS3
- JS
- Data Structures and Algorithm
- MongoDB
- Java
- AI
- ML
- C
- Python

PROJECTS

AI Translator

Jun 2025

- Real-Time Multilingual Translation: Implemented dynamic language detection and translation across 100+ languages using Python and Google Translate API.
- Streamlit Web Interface: Built an interactive web app that allows users to input text, choose output language, and instantly view translated results.

Teachable Machine

Jul 2025

- Custom Model Training via Transfer Learning: Used Google's Teachable Machine to train a custom image classification model with live webcam inputs or image uploads.
- Web Deployment with Interactive Feedback: Deployed the trained model on a user-friendly web interface to provide real-time classification predictions with visual confidence scores.

EDUCATION

Techno Main Saltlake

Aug 2024 - Jun 2028

- Bachelor of Computer Applications

Holy Child Institute Girl's Higher Secondary School

Jan 2010 - May 2024

- Computer Science
- Higher Secondary Education

AWARDS & ACHIEVEMENTS

- Completed multiple AI-based projects including a real-time Translator App and a Teachable Machine using Python and Streamlit.
- Secured an AI Internship where I worked on real-world applications like NLP-powered resume parsers and translation tools.
- Deployed interactive web apps using Streamlit and Vercel, integrating real-time ML functionalities.
- Built and trained custom ML models using Google's Teachable Machine for real-time image classification tasks.