Tanisque Bagal

GET IN TOUCH!

Mobile:

+91-8697870530

Email:

bagaltanisque@gmail.com

SKILLS

- Python
- SQL
- Machine Learning
- Natural Language Processing
- C++
- Data Structures and Algorithms

LANGUAGES KNOWN

English (Both)
Bangla (Both)
Hindi (Both)

CERTIFICATIONS

- Machine Learning with Python Offered by IBM
- Version Control With Git
- Data Analysis with Python

ABOUT ME

I am a passionate developer with a strong foundation in Python and Machine Learning. I've worked on impactful projects like a Disease Prediction App, Parkinson's Disease Prediction model and Sign Language Detector. With a B.Tech in Computer Science and a deep interest in healthcare technology, NLP and Computer Vision, I'm driven to leverage AI to create innovative solutions that make a real-world difference and learn new things.

PERSONAL DETAILS

Current Location	Kolkata
Date of Birth	October 16, 2001
Male	

EDUCATION

Graduation

Course	B.Tech(Computer science and engineering,2024)
College	RCC Institute of Information Technology, Kolkata
Score	8.92/10

Schooling	Class XII	Class X
Board Name	CBSE	CISCE(ICSE/ISC)
Medium	English	English
Year of Passing	2020	2018
Score	85%	94%

INTERNSHIPS

National Institute Of Industrial Training | July 2023 - August 2023

Project Name: Fetal Health Monitoring Application

The objective of this project is to study the precision of machine learning algorithm techniques on Cardiotocograph(CTG) data in identifying high-risk fetuses. This is a web application that predicts the fetal health status (Normal, Suspect, or Pathological) based on various input features related to fetal monitoring. The application consists of three main components:
1. A Flask API that loads a pre-trained machine learning model and provides an endpoint to make predictions.
2. An Express.js server that acts as a proxy between the React application and the Flask API.
3. A React application that provides a user interface to input the required features and displays the predicted fetal health status.

Project Link: https://github.com/Tanx-123/Fetal-Health-Monitoring-Application.git

PROJECTS

Disease Prediction App | April 2024 - April 2024

- Developed a deep learning and NLP-based disease prediction application using Gradio, a Python library for creating interactive web applications.
- Utilized the input to accurately predict the top 3 most likely diseases, providing detailed descriptions and recommended precautions for each.

Project Link: https://github.com/Tanx-123/Disease-Prediction-App.git

Ollama Webpage Summarizer Extension| March 2025 - March 2025

- A Chrome extension that uses Ollama's LLM capabilities to generate concise summaries of web pages.
- The extension extracts the main content from any webpage and uses Ollama to create summaries with adjustable detail levels.

Project link: https://github.com/Tanx-123/Ollama_Extension.git

Sign language detector | March 2024 - March 2024

- Developed a sign language detector project within 5days, achieving 95% accuracy in real-time recognition.
- Implemented machine learning algorithms to create a sign language detection system, resulting in a 40% increase in classification accuracy.

Project Link: https://github.com/Tanx-123/Sign-language-detector.git