Tanisque Bagal

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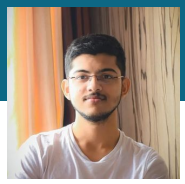

RESUME SUMMARY

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
Gender	Male

EDUCATION

Graduation	B.Tech(Computers Science and Engineering, 2020 - 2024) RCC Institute of Information Technology, Kolkata, Score: 8.92/10
Class XII	Hariyana Vidya Mandir (CBSE),Kolkata with 85% , 2020
Class X	St. Xavier's Institution (ICSE/ISC),Kolkata with 94% , 2018
Certification Course	Machine Learning with Python Offered by IBM (May 2021) Version Control With Git (May 2021) Data Analysis with Python (June 2023)

INTERNSHIPS AND PROJECTS

Internships

National Institute Of Industrial Training (Duration 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.

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

Skills used - Python,Machine Learning,Flask,Numpy,Pandas,API

Projects

1.Ollama Webpage Summarizer Extension (Duration 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

Skills used - Natural Language Processing,Python,Node.js

2.Disease Prediction App Duration April 2024 - April 2024)

Developed a deep learning and NLP-based disease prediction application using Gradio, a Python library for creating interactive web applications.

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

Skills used - Natural Language Processing,Python,Machine Learning, Deep Learning, Numpy, Pandas, Pytorch

3.Parkinson's Disease Prediction(Duration April 2024 - May 2024)

This project uses a machine learning model to predict Parkinson's disease based on vocal features. The model analyzes specific attributes of voice samples to identify patterns associated with the disease.

Project link: https://github.com/Tanx123/parkinsons_disease_detection.git

Skills used - Python,Machine Learning,Numpy,Pandas,Data Engineering

4.Sign language detector (Duration March 2024 - March 2024)

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

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

Skills used - Computer Vision,Python,Machine Learning,Deep Learning,Numpy,Pandas

SKILLS

Skills:	Data Science, Python, SQL, Machine Learning, Natural Language Processing, C++, Data Structures and Algorithms
Language:	English (Fluent), Bangla (Fluent), Hindi (Fluent)