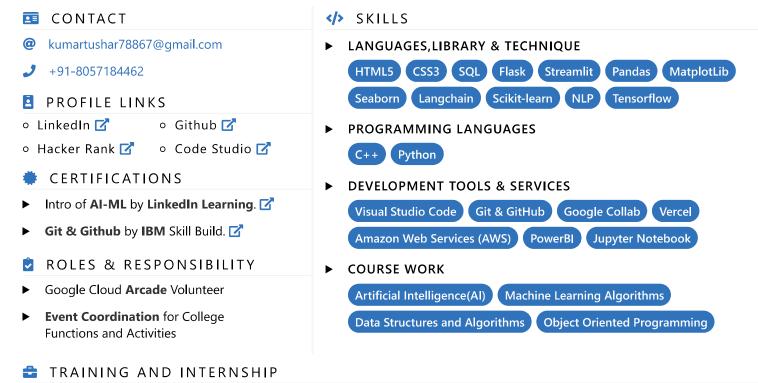
TUSHAR KUMAR



Anudip Foundation

Data Science Trainee

Undergoing a 3-month training as a Data Science Trainee, specializing in Machine Learning with Python, Scikit-learn,
 TensorFlow, and Keras. Skilled in NLP (Text Processing, Sentiment Analysis) and proficient in SQL for data manipulation.

PERSONAL PROJECTS

- ▶ GenAl Cold Email Generator Model
 - Built an LLM & Gen Al project using Llama 3.1 (LLM), Chromadb as a vector store, and LangChain for powerful processing.
 - Developed with Streamlit to help software and Al services companies send personalized cold emails to potential clients.
 - Leveraged LangChain and Chromadb to enhance email generation with relevant data.
- ▶ Neurodegenerative Disorder Prediction System ✓
 - Developed a model using Support Vector Machine (SVM) to predict Parkinson's disease, achieving 89% accuracy.
 - Preprocessed data by scaling features with StandardScaler and optimizing model performance through train-test split.
 - Utilized SVC model to enhance prediction accuracy, leveraging key clinical features for effective disease diagnosis.
- ► FakeFinder: AI-Driven News Verifier

 ✓
 - Implemented a model using Logistic Regression with TF-IDF Vectorization for effective feature extraction.
 - Utilized NLTK for stopword removal and stemming to preprocess and clean textual data.
 - Achieved a 97.91% accuracy by optimizing model performance through train-test splitting and rigorous evaluation.
- ► Brain Stroke Prediction Model 🗹
 - Achieved 95.5% accuracy in predicting stroke risks using XGBClassifier, LightGBM, and RandomForest models.
 - Improved detection by tackling class imbalance with **SMOTE**, boosting both precision and recall.
 - Tested various models like Logistic Regression and VC Models to ensure balanced and reliable predictions.

★ EDUCATION

► Dr. K. N. Modi Institute of Engineering and Technology

B.Tech. (Computer Science & Engineering)

8.25 SGPA

2021 - 2025

► Tulsi Ram Maheshwari Public School (CBSE) 2020 - 2021

► Tulsi Ram Maheshwari Public School (CBSE) 2019 - 2020

Class X (PCM)

Class XII (PCM) 78.2 %