ANUPRAVA BISWAS

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PROFILE

Summary: A telecom engineer by profession, learning and building end to end Machine Learning and Deep Learning projects.

Strengths:

Positive Attitude: To progress positively under all circumstances with conviction and maturity in approach.

Adaptability & Flexibility: To adapt accordingly under the application of adverse or pressure conditions without deviating from critical to quality concerns.

Enthusiasm for Learning: Endlessly strives to learn through different activities.

- ➢ Experience in architecting Artificial Intelligence applications with Machine Learning, Deep Learning with Python.
- ➢ Machine Learning Algorithms include Linear Regression, Ridge Regression, Lasso Regression, SVM, Logistic Regression, Decision Trees, Random Forest, KNN, Naïve Bayes, K-means Clustering, Hierarchical Clustering, Natural Language Processing and many more.
- ➢ Deep Learning Algorithms include Artificial Neural Network, Convolution Neural Network, LSTM, Open CV.
- ➢ Skilled in libraries such as Keras, Tensorflow, Sklearn, Numpy, Pandas, Matplotlib and Seaborn for Data Visualization.
- ➢ Programming Languages: Python and HTML and CSS
- ➢ Databases: NoSQL
- ➢ Cloud Platform: Heroku
- ➢ Platforms and Misc: Anaconda, Jupyter Notebook, Visual Studio Code, Spyder IDE
- ➢ Other Skills: Has knowledge of Distributed Computing (Spark, Hadoop, Hive)
- ➢ Team player with effective communication skills and abilities in resolving complex issues.

EXPERIENCE

18 Nov'19 – present **Evolve Technologies & Service Pvt. Ltd.**

INM RAN Engineer (Vodafone Idea Ltd) -   Incident Management including providing support, guidance on networks and maintaining network elements by providing remote assistance. Escalation of all the field related alarms to the field engineers. Generating TT for the prioritized incidents.

PROJECT EXPERIENCE SUMMARY

Project	Technology	Link	Description
Car Selling Price Prediction	Machine Learning, Regression	https://github.com/Anuprav aBiswas/CAR-PREDICTION	Predicts the selling price of a used car depending on the millage, fuel type and other factors in consideration.
Image Classification Model using Flask	Deep Learning, CNN, Classification, ResNet50	https://github.com/Anuprav aBiswas/MLDS-PROJECTS/tree/main/Imag e-Classification-App	develop a web interface using Flask for a pre-trained TensorFlow 2 model built for predicting the class of an input image.
Image switching using OpenCV	Deep Learning, Computer Vision	https://github.com/Anuprav aBiswas/MLDS-PROJECTS/tree/main/imag e_switching_using%20open cv	In this project, used OpenCV with Python and Matplotlib in order to merge two images and form a panorama.
Sentiment analysis	Deep Learning, NLP,	https://github.com/Anuprav aBiswas/MLDS-PROJECTS/tree/main/senti ment%20analysis	This project aims to impart an understanding of how to process English sentences, apply NLP techniques, make the deep learning model understand the context of the sentence, and classify the sentiment the sentence implies.
Credit Card Fraud Detection	Classification, SMOTE	https://github.com/Anuprav aBiswas/MLDS-PORTFOLIO/tree/master/pr oject_4_classification/credit _card_fruad_detection	used Python, SMOTE Technique(to over-sample data), build a Logistic Regression Classifier, and apply it to detect if a transaction is fraudulent or not.
Stock Closing Price Prediction	Deep Learning, Keras	https://github.com/Anuprav aBiswas/MLDS-PROJECTS/tree/main/stock %20price%20prediction	predict stock market closing prices for a firm using GRU, a state-of-art deep learning algorithm for sequential data.
Art Generation Project	Neural Style Transfer, VGG19 model	https://github.com/Anuprav aBiswas/MLDS-PROJECTS/tree/main/art%2 0generation	In this project, used TensorFlow 2 to generate an image that is an artistic blend of a content image and style image.

CERTIFICATION

- ➢ IBM Data Science Professional Certificate
- ➢ Data Science Specialization from E&ICT IIT Roorkee
- ➢ Machine Learning from E&ICT IIT Roorkee
- ➢ Deep Learning from E&ICT IIT Roorkee
- ➢ Big Data Engineering with Hadoop and Spark from E&ICT IIT Roorkee

EDUCATION

1. **Primary Education:** ICSE in 2012 from ST. THOMAS' HIGH SCHOOL
2. **High School:** ISC in 2014 from ST. THOMAS' HIGH SCHOOL
3. **Graduation:** B.Tech(Electronics and Telecommunication) from Kalinga Institute of Industrial Technology.

PERSONAL DETAILS

Date of Birth   **:** 17 Oct 1995
Languages Known   **:** English, Hindi and Bengali
Address   **:** 57/1/5 Brindaban Mallick Lane, Ashutosh Vihar, Flt-204, Howrah-711101.

I hereby declare that the information furnished above is complete and true to the best of my knowledge.

Date: 12 Dec 2020
Place: Kolkata, W.B.   Anuprava Biswas