Vishnu M *Data Engineer*

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📅 1997 Oct 29

🪪 Profile

"I am seeking opportunities to join a company that can help me in enhancing my skills, strengthening my knowledge and realising my potential. I am willing to explore a wide variety of opportunities that can help me gain perspective."

💼 Professional Experience

Full stack developer Intern　　　　　　　　　　　　　　　　2022 Feb – 2022 Jun
Xoriant Solution Pvt Ltd　　　　　　　　　　　　　　　　　　Pune, India
  Created Business requirement document.
  Got an exposure from collecting requirement to deployment.
  Created a computer application using python Tkinter.
  Worked using data base and data manipulation.

Data Analyst Intern　　　　　　　　　　　　　　　　　　　2021 Dec – 2022 Feb
CCTS Globals　　　　　　　　　　　　　　　　　　　　　Trivandrum, India
  Got some hands on experience on Microsoft K2.
  Creating forms for data collection.
  Handling database.

Data Engineer　　　　　　　　　　　　　　　　　　　　2022 Oct – present
Acabes International pvt lmtd　　　　　　　　　　　　　　　Kochi, India
  Created piplines for different projects.
  Hands on experience in informatica BDM, HiveQl, Impala and basics of Kafka.

🎓 Education

M.Sc Computer Science (Data Analytics)　　　　　　　　　　2020 Aug – 2022 Mar
Rajagiri College of Social Sciences　　　　　　　　　　　　　Kochi, India
  Percentage – **72.2%**

B.Sc Computer Science　　　　　　　　　　　　　　　　　2016 Mar – 2019 Aug
NSS College Ottapalam　　　　　　　　　　　　　　　　　Ottapalam, India
  Percentage - **60%**

+2　　　　　　　　　　　　　　　　　　　　　　　　2014 Mar – 2016 Mar
GHSS Kadambur　　　　　　　　　　　　　　　　　　　Ottapalam, India
  Percentage - **83%**

10th   2014
Kendriya Vidyalaya Ottapalam   Ottapalam, India
Percentage - **80%**

⊙ Skills

- Python
- powerBI
- Weka
- Informatica BDM

- R language
- Tableau
- HiveQL
- Kafka Basics

- SQL/PL-SQL
- Orange Tool
- Impala

🗀 Projects

COLLEGE PARENT TEACHER INTERACTION
FRONT END : Android
BACK END : MySQL
CODING LANGUAGE : Java
This is an Android application which provides a simple interface for maintenance of student information and also helps parents to get detailed information regarding their ward such as attendance, fees due, marks, important notice, event details, etc.

Movie Ticket Reservation
FRONT END : Java Swing
BACK END : SQL
It is an demo Application GUI or an website interface for booking the tickets in a Movie theatre. It is mainly done on JDBC connectivity that the data are stored in a database through the changes made in the Swing interface.

Rain in Australia Dataset
TOOL : Orange
SUBJECT : Data Mining
Rainfall in Australia is a data collection. The "Rain in Australia" dataset comprises approximately ten years of regular weather reports from a variety of locations in Australia . This dataset contains daily weather observations from various locations around Australia. The target variable is to predict whether Rain tomorrow. It means, did it rain the next day, Yes/No? If the rain for that day was 1mm or more, this column would be "Yes." Regular weather reports from various locations across Australia are taken with regarding the statistical view of the land by different locations name.

Water Potability Dataset-Prediction
In this project we tried to classify the water based upon their 9 components to potable or not potable water. One of the major criteria in the world is purity of water and scarcity of it due to which many living bodies are suffering. We, made 4 models to classify which are Random Forest, KNN, XtremeGradientBoosting and Logistic Regression. We did some pre-processing as the data was cleaned only thing to do was factorizing and checking the null values.
We applied data selection, preprocessing, and transformation to develop the prediction models.

Covid-19 Sentimental Analysis
In this paper, we proposed machine learning NLP techniques for classification of restaurant reviews. We removed stop words from the given dataset and apply stemming for efficiency. The data was divided into two data sets as training and testing data sets. We have fitted many classifier to the training set and predicted the test results. Then we have plotted a confusion matrix for the test. From which we can conclude that Logistic Regression is the best classifier with the accuracy of 69% precision of 0.75%.

TRAFFIC SURVEILLANCE AND SECURITY
Research Project

Traffic surveillance and Security is a Research project based on image classification using deep learning (machine learning algorithms), CNN-Transfer Learning and image classification techniques (computer vision). The main aim of this project is to provide road safety by detecting the accidents on road, person inside the vehicles by detecting the face and informing emergency services by alarming.

In this project accident detection is mainly focused where we have performed Transfer Learning using 3 Models which are CNN, Inception V3 and RASNET50.The limitation of traditional CNN such as pose accuracy in regression is overcomed with the proposed Transfer Learning.This project also involves comparison between three models on this problem to know which model can be used for future model.

⚙ Interests

Coding, Writing, Presentation, Technology

🧩 Strength

Strong Inter- personal Organizational Skill

Sincere towards job and punctuality

Able to cope under pressure

Can work independently and also as part of a team

🌐 Languages

- English

- Hindi

- Malayalam

🎗 Certificates

- Certificate of Completion on 'Python for Data Analysis'.

- Certificate of completion on 'Data Science Foundation'

- Certificate of completion on 'Introduction to R.

🎖 Awards

National Service Schemes Member

Scout And Guids Member (TSPL)

⤫ References

Dr. Bindiya M Varghese, *Dean of the department*, " Rajagiri College Social Sciences, Kalamashery"
bindiya@rajagiri.edu

✏ Declaration

"I hereby declare that the facts given above are genuine to the best of my knowledge and belief."

Vishnu M