Vigneswaran M

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Social Profiles

@Vigneswaran-M97

Technical Stack

Python, Pandas, NumPy, Sciki-learn, Matplotlib, Seabron, Streamlit, TypeScript, NodeJS, Flask, Django

Data Science Skills

Machine Learning - Supervised, Unsupervised, Predictive Modelling, Statistics, Exploratory Data Analysis, Data Cleansing, Data Visualization, Model Deployment.

Algorithms

Linear Regression, Regression Analysis, Classification, Logistic Regression, Decision Tree, Bagging, Ensembles, Random Forest, Support Vector Machines (SVM), Naive Bayes, Principal Component Analysis (PCA), Clustering.

Cloud Skills

GCP, AWS, Docker

Database Skills

MongoDB, MySQL, SQL Server

Summary

Budding Python and Data Scientist with hands-on Knowledge of developing Machine Learning models. Have the ability to understand the business, solve problems, and describe solutions by Storytelling. Skilled in Python, Machine Learning, and Statistics.

Academic History

B. Tech in Computer Science Engineering | 2019 | 6.43%
Bharath Institute of Higher Education and research , Agharam Road Selaiyur, Chennai,Kanchipuram Tamil Nadu

Work Experience

Project Associate | Jan 2022 - Present
iSolve Technologies in Mandeveli Chennai.

Projects

BabySensor | Health Care **May 2022 - Present**
Monitor New Bron Baby's Health condition using an IOT device and Moblie app in Flutter and Backend in Nodejs with TypeScript DataBase in MongoDB Hosted in GCP and FireBase

TAP | Farm Care **Dec 2022 - Feb 2023**
Monitor Animal Health conditions using an IOT device like a thermal camera with Raspberry Pi and Moblie app in Flutter and Backend in Nodejs with TypeScript DataBase in MongoDB Hosted in AWS and FireBase and Docker

Acumen | Invoice **Mar 2022 - Nov 2022**
Invoice to E-invoice collects all information stores it in the database and sends it to the client using tech's Python, Django, DeepLearning, OpenCV, Data annotation, Prodigy, Hosted IIS, and NSSM

Istart | Banking **Feb 2022 - May 2022**
The Handwritten Character Recognition project focuses on developing a model based on Support Vector Machines (SVM) to accurately recognize handwritten letters, numbers, and special characters. The model is built using a dataset comprising 500,000 samples and is deployed on Internet Information Services (IIS) for easy accessibility.

Certifications

Python for Data Science Dec 2020
Issued by IBM

Docker Essentials: A Developer Introduction May 2023
Issued by IBM