Mukesh B

Chennai

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■ INDIAN

Github

PROFILE

2+ years total experience in the industry in which I have 8 months of Data Science Experience which include predictive modeling, data preprocessing, Machine Learning algorithms, hands-on experience leveraging machine learning models to solve challenging business problems, and 2 years of experience in Non-Destructive Testing as an ultrasonic Inspection engineer.

© SKILLS

1.5 OKKEED			
Python	• • • • •	Statistics	• • • • •
Machine Learning MLOops,CI-CD PIpeLine,Dockers	• • • •	Data Base SQL & Mongodb	• • • • •
API Flask	• • • • •	Cloud Deployment Heroku, AWS, Azure	• • • • •
NLP	• • • • •	Deep Learning <i>ANN</i>	• • • • •

➡ PROFESSIONAL EXPERIENCE

Junior Data Scientiest

Ineuron.ai

11/2021 – present | Bangalore, India

- Involved in Data Preprocessing Techniques for making the data useful for creating Machine Learning models.
- Translate product requirements into analytical requirements/specification, design and develop required functionality.
- Involved in creating various regression and classification algorithms by using various sklearn libraries such as Linear Regression, Logistic Regression, Decision Trees, Naïve Baye's, KNN, SVM, Ensemble Techniques (Bagging & Boosting)
- Implementing MlOops to Deploy the system with CI-CD Pipeline with Dockers

Inspection Engineer

11/2019 - 06/2022 | Chennai

Dhvani Research & Development Solutions Pvt Ltd (IIT Madras)

- Involved in Data Preprocessing Techniques for making the data useful for creating Machine Learning models.
- Preprocess A-scan & B-scan Ultrasonic Testing data to visualize the defect of Refinery Pipe Lines and storage Tanks
- Sonar Dome Composite Inspection For Naval ships with Advanced Ultrasonic Testing
- Involved in Data Preprocessing Techniques for making the data useful for creating Machine Learning models.

CERTIFICATES

FULL STACK DATA SCIENCE

MACHINE LEARNING

INEURON.AI

Simplilearn

PROJECTS

Predictive Maintenance for Turbojet Engine: 🗹

03/2022 - 08/2022

MLOops, CI-CD PipeLine, Dockers, Evidently, Heroku

- Ingested the data consisting of 25000+ records in MySQL database & performed Data Cleaning, Exploratory Data Analysis (E.D.A), Data Modelling on the 25000+ records through pandas, and Created the machine learning model to predict the Remaining Useful Life of the turbojet Engine using (Random Forest, Xgboost, Logistic regression) and did hyperparameter tuning to improve the model accuracy.
- Using MLOops automated the Deployment Process
- Followed CI-CD Pipeline with a Dockers
- And Deployed It in a Heroku
- GithubLink-https://github.com/Mukesh-areo/Predictive-Maintanance

Wafer Fault Detection

01/2022 – present

- To build a Classification model to predict the Wafer Fault Detection on the different sensor features
- Algorithms: Random Forest, Xg boost.
- Roles and Responsibility- My role was to validate the data, preprocess the data, export the complete data set into a single file, train the model using clustering and then machine learning algorithm, and finally provide the model for deployment.

Flight Data Visualization

10/2021

Internship Project Ineuron.ai

• Develop airport data analysis **dashboard development project in Tableau** for identifying where the various flights are going and what is the busiest and lengthiest routes from the airport. From this insight of analysis, the business owner will increase their flight hours based on popular & busiest routes so they can make a profit in their business.

Insurance Fraud Detection

04/2022

- To build a Classification model to predict the Income based on the different features
- Algorithms: Support Vector Machine, Xg boost.
- Roles and Responsibility- My role was to validate the data, preprocess the data, export the complete data set into a single file, train model using clustering and then machine learning algorithm, and finally provide the model for deployment.

EDUCATION

BE Aeronautical Engineering *Rajalakshmi Engineering College*

2015 – 2019 | Chennai