

Suryajith Nair

Data Science Enthusiast

Interested in learning new technology stacks. Desire to work in a challenging atmosphere by exhibiting my skills with at most sincerity and dedicated smart work for the growth of esteemed organization along with mine.

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EDUCATION

**BTECH CSE, Govt College of Engineering
APJ ABDUL KALAM TECHNOLOGICAL
UNIVERSITY**

08/2015 - 08/2019

Cherthala

PERSONAL PROJECTS

Wafer Fault Detection

- The problem statement was to detect faulty wafers from a group of wafers considering their sensor outputs. If a production pipeline of wafers has multiple faulty wafers by checking each wafer manually to find which one is faulty will be a hectic and costly task. To handle this problem created 4 pipelines among them 2 were on the basis of DSA agreement with the client to validate files. One for the prediction pipeline and for the training pipeline. Then created an auto training pipeline which automatically decides which machine learning model to select. Applied semi supervised approach by using K means algorithm as auto clustering and used supervised models such as random forest classifier and XG Boost classifier which system automatically detects. Handled all storage on AWS S3 Bucket and used MONGODB ATLAS for log storage and DSA agreement structure storage.

WORK EXPERIENCE

AI Trainee

Visualyze.ai visual analytics and business solution

05/2020 - 08/2020

Trivandrum

It's a product-based company working majorly on the RPA based system.

Achievements/Tasks

- My role was to learn C# with WPF and AWS Textract Service and work on the Demo project of the company. Worked with AWS Textract service to retrieve key-value pairs and tables from multiple invoices and transform them to a single file which may consist of all key information used regex for some important key-value retrieving and successfully implemented.

AI intern

DoctorSpot Technologies

03/2020 - 05/2020

Cochin

A head based startup company

SKILLS

Data Visualization

Data Analysis

SQL

Machine Learning

Python

MongoDB

c#

Web Scraping

ALGORITHMS KNOWN

Regression:- Linear, Ridge, Lasso, ElasticNet

Classification:- Logistic Regression, Decision Tree, SVM, KNN, Naive Bayes, Stacking Technique, Random Forest, Ada Boost, Gradient Boost, XG Boost

Clustering:- Hierarchical Clustering, DBSCAN, K-mean

CERTIFICATES

Machine Learning Masters from Ineuron.ai

<https://academy.ineuron.ai/certificates/downloads/ML004862.pdf>

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Malayalam

Native or Bilingual Proficiency

BLOGS

<https://inblog.in/DASK-and-PANDAS-uWL1jhYOhv>