



ARYAN Agrahari

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Bangalore / Bengaluru

Education

M.Tech In Artificial Intelligence / Data Science,

National Institute Of Technology Agartala

2022-2024

9.36CGPA

B.Tech, Information Science & Engineering ( CS/IT )

NMIT- Bengaluru

2017-2022

8.67CGPA

Skills

Python

Machine Learning

Deep Learning

Statistics

Computer Vision

MySQL

Pandas

Devops

Numpy

Matplotlib

EDA

Data Structure And Algorithms(DSA)

Networking ( Beginner)

GitHub

Job Experience

Project Trainee

STmicroelectronics , Greater Noida

2023-Present

Leveraged Gen AI, Prompt Engineering, Langchain Framework, LLMs Models, And Conducted R&D On Knowledge Graph. Utilized Google Vertex AI, LLama2, And RAG For Cutting-Edge AI Applications, Enhancing Automation For Organizational Benefit. Engaged In Researching Template Requirements, Collaborating With DRM Team, Developing, Testing, And Documenting Templates, And Providing User Training For Efficient Adoption And Usage.

Intern

Ineuron

2022-2023

The Primary Objective Is To Utilize Classical Machine Learning Tasks, Such As Data Exploration, Data Cleaning, Feature Engineering, Model Building, And Model Testing, To Predict The Estimated Risk Of A Wafer Fault Detection. These Tasks Are Employed To Analyze The Data, Remove Inconsistencies And Errors, Extract Relevant Features, Construct A Predictive Model, And Evaluate Its Performance.

Projects

Wafer Fault Detection

2022 - 2023

To Build A Classification Methodology To Predict The Quality Of Wafer Sensors Based On The Given Data By Client , Deployed End To End Using CICD Pipeline.

Identification Of Diabetic Retinopathy Using Robust Segmentation Through Mask R-CNN.

2023 - 2024

Our Main Aim Here Is To Find Out The Segmented Image With The Nearly Accurate Bounding Box To Detect The Lesions Caused By Diabetic Retinopathy Named As Exudates And Microaneurysm With The Given Percentage Ratio In The Testing Module Identifies The Sincerity Of The Custom Training Module Of Mask-RCNN. We're Motivated To Combine Other Technical And Machine Learning And Deep Learning Algorithm Experimenting With The Number Of Layer Of CNN Model To Detect The Lesions Attributes.

Vision\_Attendence System(Computer Vision)

2023 - 2024

Build A Prototype For Detecting Faces After Dialing Employee Information , With Respective Client Id And Other Details .

E-Commerce Review Scraper Using Google Selenium.

2022 - 2022

Scrapping The Review Of Searched Products .

Cloud Computing Tools - AWS /  
GCP / Azure

Kubernetes(K8s)

Docker

Jenkins

Scikit-Learn

LLMs - Prompting

Natural Language  
Processing(NLP)

Object Oriented  
Programming(OOPS)

MongoDB / Postman

Social

<https://www.linkedin.com/in/aryan-agrahari-b13624150/>

<https://github.com/aryan757>

<https://topmate.io/aryan11>

<https://learn.microsoft.com/en-us/users/aryan-7047/>

<https://leetcode.com/aryan215gupta/>

Languages

English Hindi Kannada

Warehouse Apparel Detection Using YOLOv5

2023 - 2023

Works On Real Time Object Detection Of Warehouse Objects Using YOLOV5 , Which Comes Out Faster Compared To Detectron2 &TFOD2 .

Research Work , CIPR'23 Conference Published In SPRINGER

2023 - 2024

Identification Of Diabetic Retinopathy Using Robust Segmentation Through Mask-RCNN.  
[https://link.springer.com/chapter/10.1007/978-981-99-3734-9\\_4](https://link.springer.com/chapter/10.1007/978-981-99-3734-9_4)

Research Work - IEEE , UOH'23

2023 - Present

Modified Deep Residual Network For Semantic Segmentation

Research Work - ICMLDE'23 (Journal) By ELSEVIER.

2023 - 2024

Precise Lesion Analysis To Detect Diabetic Retinopathy Using Generative Adversarial Network(GAN) And Mask-RCNN.