B. Aakash

No. 10 Angalamman koil street,

Thirunindravur-602024.

+91 9176047577

aakashbabu.2000@gmail.com

Public URL:

GitHub

LinkedIn

Hackerank

Education:

2018-2020(expected)

SASTRA University, Thanjavur - B. Tech Computer Science and Engineering.

- CGPA: 7.67/10 (Till 3rd Semester, Expecting 8.5 SGPA in 4th Semester)
- Member of Developer Student Club(DSC) SASTRA University
- Got Slide to CSE from Mechanical with Tamil Nadu rank or 403

Skills:

- Programming Languages : C++, Python, Java, C.
- Libraries : NumPy, Scikit-Learn, Matplotlib, OpenCV, Keras, Flask,Django.
- Others: Machine Learning, Deep Learning, Data visualization, Neural Network, Google Cloud Platform, Problem solving, Algorithms,MySQL

Certification:

- Machine Learning - Coursera
- Google Cloud Platform Specialization - Coursera
- Python for Machine Learning - IBM Coursera
- AI for Everyone - Coursera.

Projects:

Fake News Detection - Machine Learning, NLP

- This project classifies the Real and Fake news on Public datasets.
- Online classifier named Passive Aggressive classifier is used with TF-IDF vectorizer.
- This project reaches the accuracy of 93.2% still working on to improve accuracy.

Face recognition using OpenCV - Machine Learning, Computer Vision.

- This project recognizes the custom images with more than 5 labelled users.
- The OpenCV classifier like LBPHclassifier with haarcascade to identify faces.
- With an accuracy of 75% it identifies the face accurately.

Rice Disease classification - Deep Learning, Neural Networks, Image Processing.

- This project classifies the types of defect in the rice leaf using image processing.
- I used the deep learning technique like Convolutional Neural network to make learning rate better
- The model was validated successfully with 3 different types of defected leaf images

Publications:

- **"MAGE: An Efficient deployment of python flask web application to app engine flexible"**

  In this paper we have explained how we deployed the python flask web application which converts the image text to audio file in online as well as offline to App Engine flexible using Google Cloud Platform with the help of inbuilt API.

  -Springer

  (Approved on 28th May2020).