FARAAZ SHAIKH

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EDUCATION

St john Universal school
Mithibai college
Rajv Gandhi Institute of Technology
University of Mumbai *B.Tech in Artificial Intelligence and data Science* — ***CGPA: 8.7/10***

Dec 2021 – May 2025
Mumbai, India

TECHNICAL SKILLS

Languages & Frameworks : **Python, C,** JavaScript**, Java ,Scikit learn ,Tensorflow, Keras ,** React , R ,SQL
Tools & Platforms : Git, Github, **Jupyter Notebook Virtual Studio Code**
Databases & Interests : **MongoDB, Machine learning ,Deep Learning , OpenCV ,Data Science**
Miscellaneous : Data Science, **Data Structures & Algorithms**, Web Development

PROJECTS

Potato disease classification

Flask , Tensorflow ,Python ,Matplotlib **Oct 2023–Dec2023**

- Created a **Deep Learning Model**, achieving a **96**% accuracy rate in detecting the type of disease preset in potato plant
- It uses CNN (**convolutional neural network**) to identify image of damaged plant suggest the disease that can be **Late Blight** or **Early Blight** depending upon the condition of the plant
- Technology used to make this project were python , **Tensorflow** library for Deep learning **Flask** for connectivity form frontend to backend and Html ,Css JavaScript for developing the user Interface
- The model was trained on training dataset of **80%** data and **10%** for testing the dataset and remaining **10 %** on validation dataset and was trained on a diverse set of images
- The model consist of several **Conv2D** and **Maxpool2D** layers to get the features of the image forward by **Flatten** layer to reduce the dimentions to be passed in **Dense** layer to give the output

Flask Image Processing

Flask , OpenCV ,Cvzone ,Python ,Matplotlib **Jan 2024–April 2024**

- Developed a **Flask** application offering image processing functionalities such as background removal, face mesh detection, and face detection.
- Utilized the **cvzone** library for implementing advanced image processing techniques.
- Features include:
- **Background Remover**: Removes the background from images and replaces it with a **user-defined color**.
- **Face Mesh Detection:** Identifies and highlights facial landmarks on images.
- **Face Detection**: Detects faces in images and highlights them with **bounding boxes**.

Placement Management System

July 2024–Feb 2024

in progress

Certificatons

Machine Learning course from Stanford University