

# Ashutosh Salekar

📍 Pune ✉ ashutoshsalekar1999@gmail.com ☎ 7218953420 in LinkedIn 🐙 GitHub

## Profile

A developer with 2+ years of experience in Python and MATLAB looking to leverage my programming skills as a python developer into the field of Artificial Intelligence with knowledge of Statistics, Machine Learning, and Deep Learning.

## Professional Experience

01/2021 – present  
Pune, India

### System Engineer

Tata Consultancy Services

- Automate the process of video processing with Python and OpenCV.
- Automate the process of excel file update with Python and MATLAB, which reduces manual efforts by up to 90%.
- Successfully developed a GUI-based tool for video processing and playing with MATLAB.
- Module lead for functional testing of the automotive feature.

## Education

08/2016 – 09/2020  
Pune, India

### Bachelor of Engineering (Electronics and Telecommunication)

Savitribai Phule Pune University  
CGPA: 8.35

## Computer Skills

### Languages:

Python, MATLAB, HTML

### Tools and Frameworks:

NumPy, Pandas, Matplotlib Scikit-learn, TensorFlow, Keras, OpenCV

### Machine Learning

Supervised (linear regression, logistic regression, decision tree, KNN, SVM), Unsupervised (K-Means clustering), EDA, Feature Engineering, Deep Learning (ANN, CNN, Object Detection, Face recognition).

## Projects

### Laptop Price Predictor [🔗](#)

Web app to predict the price of laptop on the basis of given specifications.

- Users need to select the various specifications of the laptop.
- Using a machine learning model web app will predict the laptop's price.
- Python, Sklearn, flask, HTML, Linear regression

### House Price Prediction

A website to predict the price on homes.

- Users need to provide certain information related to the home like the Number of rooms, Area, and Locality.
- Algorithm used: Linear Regression.

### Face Mask Detection

A web app to detect if a person is wearing a mask.

- Users need to provide an image or a video to get the detection of people with and without masks.
- Python, Yolo v5, Flask, HTML, CSS.

### Vision based attendance system [🔗](#)

A system to automatically update the attendance of the students.

- Whenever a student enters the school a system takes the picture and maps it with the student's images from the school database.
- On the basis of the mapping result system will update the attendance sheet.
- Python, Face recognition library.

## Certificates

- Neural Network and Deep Learning [↗](#)
- Improving Deep Neural Networks [↗](#)