

Ashit Mundra

Computer Science Engineer

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A Computer Science engineer who loves to face challenges and try to solve them in the most optimized way. Highly interested in mathematical and logical problems. Motivated to learn and grow and contribute through my skills.



Skills

- ◆ Programming Languages - Python3, C++
- ◆ Framework - Django
- ◆ Data Structures - Array, List, LinkedList, Trees, Stack, Queues, Heap, BST
- ◆ Machine Learning Algorithms - Naive Bayes, KNN, Kmeans, Decision Tree, Logistic Regression, Random Forest, Linear Regression.
- ◆ Computer Vision - Image Classification, Edge, corner and region Detection
- ◆ Mathematics - Probability, Discrete and Equations.
- ◆ DevOps Tools - Git, Jenkins, Rundeck and Docker



Projects

◆ **1)Clothes Detection System** *Computer Vision*

Mar 2020 - May 2020

This project we trained a system which takes an image and classify the clothes in the image as Saree, Shirt, T-shirt, Kurti and others. In this we used Darknet object detection to detect person in the image and extract that part and finally we removed the face part so we can have only clothes in the Image at last we trained it using a Convolutional Neural Network.

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◆ **2)Blogging Site** *DevOps*

May 2020 - Jun 2020

It is a website to create and post blogs for a local network. One can create and post blogs as well as read blogs. The user registered is verified by Admin as a writer or a reader. So only verified writer is able to post the blogs. This website is automated by DevOps tools for continuous integration and deployment.

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3)Face Detection System *Computer Vision*

Mar 2020 - Apr 2020

This project consist of two part. The first part is to detect face position in a complete image and extracting the face out of image. We used PCA on those faces and trained a model. In second part for testing we again followed the same process of extracting face part and apply same PCA filter and finally tested on trained model.

4)Voice Controlled File Management System *NLP*

May 2018 - Jul 2018

It was a basic voice controlled system which takes normal human commands like create a file or delete a file or move or search a file can also play music on youtube. It uses a google api to detect speech and then uses NLP to find out key words then map those key words to commands.



Work History

May 2018 - Jul 2018 **Machine Learning Trainee**

Adhoc Networks, Jaipur, Rajasthan

- It was a training program for learning python and Machine Learning algorithms for Classification and Regression.
- They guided us to complete a project in machine learning.



Education

Jul 2019 - Jun 2021 **M.Tech: Computer Science And Engineering**

International Institute Of Information Technology - Bangalore
SGPA: 3.48/4.0

May 2015 - Apr 2019 **B.Tech: Computer Science**

Jaipur Engineering College And Research Centre - Jaipur
Secured 69.33% with a CGPA of 7.68

Apr 2013 - Apr 2014 **Class XII**

D.A.V. Public School Kota - Kota
Central Board of Secondary Education secured 80.60%

Apr 2011 - Mar 2012 **CLASS X**

Shree Jee Public Senior Secondary School - Nathdwara
Rajasthan Board of Secondary Education secured 83.33%



Accomplishments

- Selected for Rajasthan Hackathon 2017 and 2018
- Volunteered in Smart India Hackathon
- Cleared Codevita round1 in 2018



Conferences and Workshops

1) Salesforce *Organized by Sambodhi Tech*

Completed 2 months training in Salesforce as an admin and developer

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2) IBM watson *Organized by IBM*

Attended IBM workshop for watson platform.