



AKUL ABHAY AGRAWAL

B.Tech - Information Technology

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Ahmedabad - 382470, Gujarat, INDIA

BRIEF OVERVIEW / CAREER OBJECTIVE / SUMMARY

I want to work for the most innovating technologies so that I can turn all my knowledge and concepts to real world products and services. I want to work for an organization where I can show my talent and enhance my skills to meet company goals and objective.

KEY EXPERTISE / SKILLS

Python Core Java Django Machine Learning HTML CSS

EDUCATION

Nirma University	2016 - 2020
B.Tech - Information Technology CGPA: 8.20 / 10.00	
12 th CBSE Percentage: 92.80 / 100.00	2016
10 th CBSE Percentage: 95.00 / 100.00	2014

INTERNSHIPS

Let's Nurture Infotech Pvt Ltd.	May 20, 2019 - July 12, 2019
Key Skills: Django Flask Keras OpenCV Arduino IDE HTML Javascript	

PROJECTS

Smart Button	June 12, 2019 - July 12, 2019
Mentor: Akash Singh Team Size: 3	
Key Skills: Django Mqtt NodeMCU	
This is an IoT product that enables you to send logs remotely over the internet using MQTT. It has a single button that enables you to trigger 3 different types of logs and also helps to configure wifi on the device. I also created the API's and database using django that enables user to manage their devices using a web app or android app.	
Visual Search	May 10, 2019 - June 10, 2019
Mentor: Kashyap Raval Team Size: 1	
Key Skills: Flask Keras HTML Deep Learning	
This was a search feature that helped user to upload an image of a room scene and the system would localize 5 class of furniture in the image and give out relevant tags. For each tags the system also returns the most similar images of the relevant object detected. This used CNN architecture.	
Remote Image Capture and Object Detection	April 20, 2019 - May 30, 2019
Mentor: Vijay Ukani Team Size: 2	
Key Skills: Python Raspberry Pi Mqtt OpenCV	
This was a wifi based system in which a user can request an image capture query over MQTT and the Rpi captures the image of the scene which it sends to the server using FTP. At server a pre trained object detection model creates a new image with bounded boxes and sends this to the user. This was completely meant to understand wireless communication architecture that involved heavy computer vision models to be deployed on server.	

EXTRA CURRICULAR ACTIVITIES

- Member at Toastmasters International
- Ex - Sergeant at Arms (Heritage City Toastmasters Club)
- Performed at many college events and fest as a singer with "Genesis" band.
- Awarded as "Highest Fund Raiser" at YouNeed NGO (2017)

PERSONAL INTERESTS / HOBBIES

- Singing
- Playing Guitar

WEB LINKS

- LinkedIn - <https://www.linkedin.com/in/akul-agrawal-77b849157/>

PERSONAL DETAILS

Gender: Male

Marital Status: Unmarried

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Date of Birth: Oct. 7, 1998

Known Languages: English, Hindi, Gujarati

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