

# Sidharth Singh

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## Personal Projects

### Skill India Web App (Django Frame Work)

This website was the first of its kind that eliminates all the anomalies that an entrepreneur faces and furnishes various facilities required for a smooth startup foundation. The work provided Business Incubator services to startups and also some array of services such as - Office Space, Finance, technical services, mentorship, job seeking/advertising and networking.

### Water Monitoring System (Arduino and Django)

The motive of was to build a website which monitors exactly how much water consumed in a house by user in there Kitchen, Bathroom and in other activities with the help flowmeter sensor. This work tried to track and analyses the extra usage of water in any house and give a complete report of water consumption.

### Covid-19 forecast using ARIMA (Python)

It is a forecasting system which predict the spread of COVID-19, by using a time series approach. Our work shows how the chronicled Situation could be for country like India and to estimate future demand and how these gauges influence the scenario. The historical data was used to create several autoregressive integrated moving average (ARIMA) models and the adequate Model was chosen by four execution criteria: Dickey-Fuller Test, Autocorrelation Function (ACF), Partial Autocorrelation Function (PACF), and Standard errors.

## Work Experience

### Google Developers

DSC Lead, January 2019 – July 2020

*Google Developers selected students from 80 different countries to become a Developer Student Club lead. Which gave me opportunities to conduct workshops, hackathons and skill building events. We conducted cloud study jams, Explore ML course and trained more than 600 students during the tenure.*

### Indian Institute of Technology Kanpur

Training in Blockchain and Crypto Currency,

May 2018 - June 2018

*Selected as trainee in under prof Ras Dwivedi for two months and learned about blockchain and how to build an distributed hyperledger under his guidance.*

## Education

**Maharishi Markandeshwar (Deemed to be University), Ambala, Haryana**

*Bachelor's of Technology*, Enrolled July 2020

**CGPA - 7.3**

**Army Public School, Bhopal, Madhya Pradesh**

*12th(CBSE)*, Graduated May 2016

**Percentage: 63.4%**

**Army Public School, Bhopal, Madhya Pradesh**

*10th(CBSE)*, Graduated May 2014

**CGPA - 8.2**

## Professional Skills

C	Intermediate
C++\OOPS	Intermediate
JAVA	Intermediate
Python 2.6+	Intermediate
MySQL	Intermediate
Django	Intermediate
Flask	Intermediate
Machine Learning	Intermediate
Data Structure	Intermediate
Arduino	Intermediate
Google Cloud Platform	Competent

## Achievements

- Silver Medalist in Techno-Vision (2016) Inter-University Fest
- Won Cash Prize 25000 in Smart India Hackathon(2018) Presented Skill India Web App
- Qualified for Chhatra Vishwakarma Awards(2018) Presented Garbage Monitoring System

## Hobbies & Interests

- Football
- Playing Guitar
- Robotics and Sky Watch