

# Prathak Garg

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## EDUCATION

### IIIT VADODARA

COMPUTER SCIENCE AND ENG.

Dec 2020 | Present  
Gandhinagar, Gujarat

GPA: 8.03 / 10.0

### SGGSCPS

SENIOR SECONDARY - NON MED.

March 2018 | April 2020  
Chandigarh, India

Percentage: 91.4 / 100

## COURSEWORK

Machine Learning  
Artificial Intelligence  
Information Retrieval  
Software Engineering  
Data Analysis and Visualization

## SKILLS

### LANGUAGES

Python • C • Javascript • R • C# • SQL

### FRAMEWORKS

Django • ReactJS • Discord.py • PyTorch  
• Tensorflow • Flask • fastAPI

### TOOLS

Git • Docker

### SOFT SKILLS

Event Management • Leadership  
• Emotional Intelligence • Writing

## ACHIEVEMENTS

### ELECTROTHON 4.0 - 2022

NIT HAMIRPUR

1st Position - 200+ Participants

### DEVHACK 3.0 - 2022

IIT DHARWAD

2nd Position - 200+ Participants

### GIFTABLED HACKATHON

GIFTABLED.ORG

2nd Position - 100+ Participants

## EXPERIENCE

### IHUB - IIIT HYDERABAD | BACKEND ENGINEER • ML RESEARCHER

May 2022 - July 2022

- Interned at iHub, IIIT Hyderabad under Prof. Venugopal Gundimeda.
- Worked on creating a dataset foundation project for data scientists.
- Provided a wide range of datasets for benchmarking and an inbuilt environment to launch and compare models on the website
- Demonstrated strong teamwork and communication skills while working collaboratively with the project team.

### TECH HUNT | LEAD ORGANIZER

Fed 2023 - Mar 2023

- Successfully organized a CTF-based event with 100+ participants
- Made engaging questions in the fields of forensics, reverse engineering and cryptography

## PROJECTS

### IYOJNA | 2022

Django REST Framework • Flutter • Next.js • Tensorflow

An android app which provides consumers with comprehensive information about government schemes and the ones best applicable to their needs. This app also features an NLP-based chat bot to get quicker access to data.

### AUDIO PERSONALITY EMULATOR (APE) | 2023 (ONGOING)

PyTorch • Pandas • ReactJS

A GAN based neural network that works on imitating voices using small dataset of voicenotes for discriminator training.

### MULTIPURPOSE ADMINISTRATION BOT | 2021

Python • Django • Linux • Selenium • Discord.py

Website and Bot to remotely supervise and manage our servers showing detailed view of ram usage, data usage accompanied by a remote console to send commands

### CHEGG SCRAPER | 2021

Python • Django • BeautifulSoup • Discord.py • MongoDB

Web Scraper to collect answers from specific links and compile them into a PDF. This was later integrated into a discord bot

## CERTIFICATIONS

2022	6 <sup>th</sup> Summer School of AI	IIIT Hyderabad
2023	Mathematics for Machine Learning	Goldman Sachs   Coursera
2023	Computer Science Fundamentals	Goldman Sachs   Coursera
2023	AI Programming with Python	AWS   Intel   Udacity