

# Chaitya Shah

 Chaitya0623 |  Chaitya Shah |  Portfolio |  chaitya0623@gmail.com |  +91 70456 31629

## SUMMARY

Being a fast learner and a hardworking student, I'm passionate about Computer Engineering. I am an avid reader and I also love playing sports. Travelling to new places and living in the nature is my forte!

## EDUCATION

2021 - 2025	B.Tech in Computer Engineering at <b>Dwarkadas J. Sanghvi College of Engineering</b>	(current 8.83)
2021	Class 12th HSC at <b>KC College</b>	(95.5%)
2019	Class 10th CBSE at <b>Gopi Birla Memorial School</b>	(93.8%)

## EXPERIENCE

### DJS Antariksh

*Coding Team Member*

Official Martian Rover Team

*May 2022 - Present*

- **Robot Operating System:** Working on integrating Arduino using Robot Operating System.
- **Team Website:** Helped building pages for the Team Website with React and Achievements API with Django.
- **International Tournaments:** 3rd Position in IRDC 2022 and 8th in International Rover Challenge 2023.

### Synapse

*Machine Learning Developer*

*Sept 2022 - Present*

- **Learning Phase:** Evaluated various Machine Learning Algorithms.
- **Projects:** Created Hand Volume Controller using CV and Sentiment Analyzer using NLP.
- **Non-Tech:** Was in the Organizing Committee (Publicity) for Re-Quest 2022 and also helped contacting sponsors.
- **Research Paper:** Currently working on a Research Paper on Sentence Restructuring with User-Controlled difficulty.






### DJ Unicode

*Full Stack Developer (Django)*



*Oct 2022 - Present*

- **Mini-Projects:** Made mini-projects like Personal Portfolio with HTML, CSS, JavaScript and a React Quiz.
- **Django CRUD:** Performed CRUD applications and User Authentication with Django and Django REST Framework.
- **Projects:** Currently working on an Internship Portal as a final Group Project.





## PROJECTS

- **YumMatch** : Formulated a Food Recommendation System which recommends food combos with the help of Association Rule using Apriori Algorithm. It also shows the most popular combos based on value counts.
- **TubeBoost** : Created an ML model for Youtube Optimization, where I worked on getting Optimal Upload Time for a channel and also predict the Top-10 upcoming content creators.
- **WorkConnect** : Frontend Developer (React) for a D2C website where workers could bid and accept orders from clients and negotiate for the same.
- **Short-a-Thon** : Frontend Developer (React) for a Hackathon Organizing Website and also created an ML model for automating Resume Shortlisting using NLP.
- **VerifyU** : Full Stack Developer (React, Django) for a Document Verification website where I also worked on an ML model to check the credibility of the document using CNN, OCR and Ecrption using QR code.

## ACHIEVEMENTS

- **Winner of X-tract 2022** : An Inter-College Datathon where we comprehended and applied significant Machine Learning Algorithms to 7 distinct Data Science datasets in a limited Timeframe of 4 hours while competing against 200 shortlisted students to win the Event.
- **Top 6 at Unscript Rookies Hackathon 2k23** : National Level Hackathon (Project: WorkConnect)

## CERTIFICATES

• <b>Machine Learning with Python (Honors)</b>  : (Coursera)	<i>Issued Apr 2023</i>
• <b>2022 Complete Python Bootcamp From Zero to Hero in Python</b>  : (Udemy)	<i>Issued Aug 2022</i>
• <b>Google Analytics for Beginners</b>  : (Google Analytics)	<i>Issued Jul 2022</i>
• <b>The Fundamentals of Digital Marketing</b>  : (Google Digital Garage)	<i>Issued Dec 2021</i>

## SKILLS

- **Programming:** C, C++, Python, HTML, CSS, JavaScript, SQL, R.
- **Tools:** Git, Github, React, Django-Rest, ROS, CV, NLP, Transformers.
- **Libraries:** Numpy, Pandas, Matplotlib, Seaborn, Scikit-Learn, Keras, Tensorflow, nltk.
- **Interests:** Machine Learning, Data Science, Data Analytics, Web Development.