

# DHRUV SHARMA

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## EDUCATION

### Dr. APJ Abdul Kalam Technical University

Bachelor of Technology in Computer Science and Engineering

Percentage: 73%

August 2019 – Present

### Rajkiya Pratibha Vikas Vidyalaya

Intermediate School, CBSE

Percentage: 89%

April 2017 – April 2019

### DAV-2 Raj Nagar Ext.

High School, CBSE

Percentage: 93%

April 2015 – April 2017

## TECHNICAL SKILLS

**Languages/Databases:** Python, JavaScript, MongoDB, PostgreSQL.

**Frameworks:** Node.js, React, Flask, Express.js.

**Tools/Platforms:** Linux, Shell Scripting, Vim, Git, Heroku, Docker.

## PROJECT HIGHLIGHTS

**Instagram Quotes Bot** | Python, BeautifulSoup | [github/dhruvSHA256/instaquotebot](#) | [Demo](#)

- Built a CLI app in python to scrap quotes from goodread and backgrounds from tumblr using **Beautifulsoup**.
- Make image with random quote and background using **Pillow** library.
- Automatically** post generated images with relevant tags using **cronjob**.

**Cshat Chat** | Flask, Bootstrap, Socket.io, PostgreSQL | [github/dhruvSHA256/cshat-chat-app](#) | [Demo](#)

- Developed chat app that allows user to join different channels and have conversation with different users.
- Implemented **real-time** delivery of messages using **websockets**.
- Designed a **responsive** frontend UI with Bootstrap for better user experience.

**SweetCowinBot** | Python, Aiogram, MongoDB | [github/dhruvSHA256/sweetcowinbot](#)

- Built a telegram bot to get info about vaccination center near you using **Aiogram** library.
- User can opt in to get **automatic alerts** of vacant vaccination slots.
- User details like type of vaccine or location pincode can be updated using relevant bot commands.
- Peewee ORM** is used to serialize user data stored in local **sqlite** database.

**JioSaavn CLI** | bash shell scripting

- Built an unofficial JioSaavn client for terminal users, by reverse engineering jiosaavn API.
- Allow user to login into their account, add or remove songs to library.
- User can also search jiosaavn from terminal for songs, albums, artists matching a particular term.

## CO-CURRICULARS

- Codechef Long Challenge Div 3 (April-2022)**  
Secured global **rank 22** in codechef long Challenge Div 3 out of 5000 participants.
- CodeChef KEC Chapter (2021)**  
Core team member, organized coding competitions to introduce students to algorithmic contests.
- Krishnathon (2019)**  
Secured **1st place** in Krishnathon, intra college hackathon among 30 teams.
- IEEE Xtreme (2019)**  
Ranked among the **Top 300** Indian participants in IEEE Xtreme, a 24 hour algorithmic coding competition.
- Amrita InCTF junior (2018)**  
India **Rank 9** in Amrita InCTF junior quals, a cybersecurity competition.

## PERSONAL INTEREST

In my spare time I like to read tech blogs, read about philosophy, and try out new food recipes.