

# DHRUV SHARMA

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## EDUCATION

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<b>Dr. APJ Abdul Kalam Technical University</b> <i>Bachelor of Technology in Computer Science and Engineering</i>	<b>Percentage: 73%</b> <i>August 2019 – Present</i>
<b>Rajkiya Pratibha Vikas Vidyalaya</b> <i>Intermediate School, CBSE</i>	<b>Percentage: 89%</b> <i>April 2017 – April 2019</i>
<b>DAV-2 Raj Nagar Ext.</b> <i>High School, CBSE</i>	<b>Percentage: 93%</b> <i>April 2015 – April 2017</i>

## PROJECT HIGHLIGHTS

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### Instagram Quotes Bot | *Python, BeautifulSoup* | [Code](#) [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 relevent tags using **cronjob**.

### Cshat Chat | *Flask, Bootstrap, Socket.io, Postgresql* | [Code](#) [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 **responsive** frontend with **Bootstrap**.

### SweetCowinBot | *Python, Aiogram, MongoDB* | [Code](#)

- Developed 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.
- **Pewee ORM** is used to serialize user data stored in local **sqlite** database.

### JioSaavn CLI | *bash shell scripting*

- Created 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.

## TECHNICAL SKILLS

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

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

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

## CO-CURRICULARS

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- **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.