

# DHRUV SHARMA

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## 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.

## PROJECT HIGHLIGHTS

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**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 search term.

## EDUCATION

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**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*

## 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.

## PERSONAL INTEREST

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