# DHRUV SHARMA

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## EDUCATION

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