

# AMARJEET SINGH

New Delhi, India | +91 9667743366 | [200390amarjeet@gmail.com](mailto:200390amarjeet@gmail.com) | <https://amarjeet2003.github.io/>

## SUMMARY

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As a recent graduate seeking a full-stack development role, I have a solid foundation in web development technologies. I am dedicated to honing my skills in full-stack development and excited to contribute to a team environment. I possess excellent decision-making abilities and have strong leadership potential, making me an asset to any organization.

## SKILLS

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Python	Django	MySQL	AWS
Git	HTML	CSS	JavaScript
Bootstrap	Team Player	Decision Making	Leadership

## EDUCATION

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**Manav Rachna University – Faridabad, Haryana** 2021-Present  
Bachelor of Technology (Computer Science): Pursuing

**Summer Fields School (CBSE Board) – Gurugram, Haryana** 2021  
Class 12<sup>th</sup>: 87.8%

**Summer Fields School (CBSE Board) – Gurugram, Haryana** 2019  
Class 10<sup>th</sup>: 85.6%

## PROJECTS

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### MRU Freshers:

This Project is built using Python and Django along with celery for asynchronous background event pass generation. It allows user to register a fresher and store their details. It sends automatic event passes on the registered email if user has paid successfully. It also has the functionality for event check-in which can be done by scanning the QR-code on the event pass or they can also be checked-in by verifying the OTP sent on their emails. Each QR-code and OTP is unique so there no such issues of getting scammed. All check-in transactions get updated in the freshers list page.

<https://mru-fresher.herokuapp.com/>

### Vaccine Tracker:

This Project is built using Python and Django along with API implementation of Cowin which sends alerts based on free Vaccine slots in the nearby area. It sends emails on available free vaccine slots and also paid vaccine slots based upon user selection.

<https://govaccinate.herokuapp.com/>

### Content Aggregator:

This project is built using Python & Django with background asynchronous process scheduled with django-ap-scheduler and frontend built using Bootstrap. It loads the latest podcasts from The Real Python Podcast feed. It uses a custom management console to automate personalized schedule. It also has some basic unit tests to check all database transactions along with HTTP Response check.

**Real-time ChatApp:**

This Project is made using Python & Django along with HTML, CSS, JavaScript. The real-time feature is implemented using AJAX and jQuery where user is able to chat with other users present in the same chat room.

**How do you feel Mobile App:**

This Project is built using Python and Kivy. This App shows quotes based on user's input on mood (happy, sad etc). I have used Kv Lang to design the frontend of the app. This app is successfully deployed on Android using Python Buildozer library.

**Motion Detector:**

This Project is built using Python's Cv2 library where the webcam of the user device captures video along with a Motion detector frame (green frame along with movement). It stores the motion details of the character in a .csv file and then outputs a graph showing the variations of motion in the whole timeframe.

**ACHIEVEMENTS**

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- Participated in SFSMUN2K21 as the Executive Board of Assembly.
- Participated in SFSMUN2K20 as the Member of AIPPM Committee.
- Won Interschool Tech Competition (NODE) at DPS Sec 45 Gurgaon.
- Stood 1<sup>st</sup> in Computer Olympiad in 2 consecutive years.