

# MOHIT AHIRWAR

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## Education

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### Indian Institute of Technology, Jodhpur

- B.Tech in Computer Science and Engineering | CGPA: **7.71 / 10**

**2019 - 2023**

(expected)

### Kendriya Vidyalaya No. 1, Chhindwara

- *AISSE (Class XII), Aggregate: **94.2 %***

**2018 - 2019**

### Gyan Ganga Public School, Chhindwara

- *AISSE (Class X), CGPA: **10 / 10***

**2016 - 2017**

## Skills

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- **Languages** : C++ | C | Python | HTML | CSS | Javascript
- **Frameworks** : VueJS | NodeJS | Django | Bootstrap
- **Machine Learning** : Scikit-learn | Pandas | Numpy
- **Databases** : MongoDB | SQLite
- **Tools** : Git | AdobeXD

## Projects

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### CONTACT MANAGEMENT SYSTEM

*A web app built using **Django**, **SQLite** and **Bootstrap**.*

- Added authentication process. Users can add, delete and update contacts.
- This application allows **CRUD** operations for managing contacts.
- Deployed on Heroku - [Link](#)

### SIGN RECOGNITION

*Applied **Machine Learning** algorithm and **OpenCV***

- Used **Convolutional Neural Network** model on MNIST dataset of sign languages.
- Used **OpenCV** to capture gestures from **webcam** to predict the sign.

### VIDEO BROWSER

*An app built using **VueJS** and **Youtube - API***

- Used Vue framework for this website.
- Very fast searching and playing of videos.
- Deployed on Heroku - [Link](#)

### TWITTER SENTIMENT ANALYSIS

*Applied text preprocessing and various **Machine Learning** algorithms.*

- A very large dataset of **1.6 Million** tweets.
- Applied Logistic Regression, Multinomial Naive Bayes and SVM.

## Coursework

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Data Structures and Algorithms | Software Engineering | Digital Design | Signals and Systems |

Pattern Recognition and Machine Learning | Maths for Computing

## Extra-Curricular

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- **Core Member at E-CELL, IIT Jodhpur.**
- **Core Member at Legacy Society, IIT Jodhpur.**