

# Mohit Jain

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## TECHNICAL SKILLS

**Languages** Python, Dart, JavaScript, C++, SQL

**Learnings and Concepts** Data Structures & Algorithms, OOPS, Computer Networking

**Development Tools** Microsoft VS Code, IntelliJ Idea, Android Studio

**Technologies** Flutter Development, Backend Development (Django)

**Database** MySQL, Firebase Database, Cloud Firestore, MongoDB, PostgreSQL

**Familiar With** Kotlin

## EDUCATION

### B.tech | Computer Science Engineering

ABES Engineering College, Ghaziabad, India

2018 - Present

### XII Boards | CBSE

Ghaziabad, India

2016 - 2017,

## Projects

### Realtime Signal interpretation for mute individuals

- This is a personal project with my colleague in Machine Learning.
- Develop and debug the Flutter application and connect it to the backend.
- Technologies Used: **Flutter, Machine Learning: TensorFlow, Keras, OpenCV.**
- **Dataset Used:** British Sign Language (BSL) Dataset is taken from **Kaggle**.
- **Purpose:** It allows mute people to share their thoughts with those who are unable to understand sign language, all that happens in real-time, even in the absence of an internet connection

### Covid Statistics Tracker

- This is a personal project; it is a Flutter application.
- This application has a decent and intuitive UI, it reaches out to an **API** to fetch data.
- **Purpose:** Track the number of covid cases and various other statistics on click of a button.
- **API URL:** <https://corona.lmao.ninja/>

## WORK EXPERIENCE

### Flutter & Django Intern

MateRate – An IIT-D Startup



#### Tasks

- Development, debugging, adding new functionalities, firebase backend connection of 3 applications. Integrate firebase with Django backend
- The application is under testing currently available on **google play store**. [View Here](#)

### Project Associate - Internet of Things

Dataritz Technologies

#### Tasks

- Under the guidance of Mr. Ashish Gupta, our team designed a smart agriculture system, that waters plants in a large as per the content of moisture in the soil. The equipment takes energy from Solar Panel.
- **Impact:** It conserves **water & electricity**, improves the health of soil, as soil only receives the water as per its need.

## CERTIFICATES

**Certified Ethical Hacker (CEH v10)**

Validity: Nov 2020 - Nov 2023