Mohit Jain

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TECHNICAL SKILLS

Languages	Python, Dart, JavaScript, C++, SQL		**Technologies**	Flutter Development, Frontend & Backend Development (React JS & Django)
Learnings and Concepts	Data Structures & Algorithms, OOPS, Computer Networking		**Database**	MySQL, Firebase Database, Cloud Firestore, MongoDB, PostgreSQL
Development Tools	Microsoft VS Code, IntelliJ Idea, Android Studio		**Familiar With**	Kotlin

EDUCATION

B.tech | Computer Science Engineering ABES
Engineering College, Ghaziabad, India
2018 - Present

XII Boards | CBSE
Ghaziabad, India
2016 - 2017,   *87%*

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