

MOHIT JAIN

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🔗 [View My Portfolio](#)

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WORK EXPERIENCE

MateRate - An IIT-D Startup

Mobile App Developer

📅 Feb 2021 – Aug 2021

- Develop new features and optimize existing features of 3 different mobile applications.
- Identifying bugs in features and debugging the applications.
- Integration of mobile application with **Django backend** which provides authentication, and other major services.
- **Design APIs** to support new features for mobile application.
- **Deployed** the applications to Play console.
- View Application on Google Play store - [Click Here](#)

DataRitz Technologies

Researcher and Mobile App Developer

📅 Oct 2020 – Dec 2020

- Worked on a smart agriculture system - a research based project,
- **Aim:** Water plants as per the content of moisture in the soil, hence saving water and enriching soil as per its need.
- **Developed** the mobile application, that **controlled** motor and monitored moisture content of the soil.
- Integrated the mobile frontend with the **backend** services.
- Learned the working of various types of sensors and their interfacing with other devices.

DataRitz Technologies

Project Associate - Cybersecurity and Networking

📅 Sep 2019 – Mar 2020

- Performed Web application Penetration Testing (**WAPT**) and **vulnerability assessment** of live application.
- Discovered and mitigated 2 **P2 vulnerabilities** - Stored XSS and CSRF.
- Studied about **multiple existing threats**, practically applied those in test environment.
- Found and reported bugs in live environment under **secure disclosure program** of 2 organizations.

Book My Venue

Co-founder and Mobile App Developer

📅 May 2020 – Sep 2020

- Worked on a business model.
- Exit after 4 months.

EDUCATION

B.tech | Computer Science Engineering

ABES Engineering College

📅 JUL 2018 – JUL 2022

SGPA: 7.5

PROJECTS

Sign Language Translator

- Technologies Used: **Flutter, Machine Learning**
- This application is a **realtime** American Sign Language to English Translator.
- Developed and debugged the mobile application.
- It allows English speakers to understand American Sign language by recording gestures into the camera.
- View this project on GitHub: [Click Here](#)
- Download APK: [Click Here](#)

Coordinates Tagger

- Technologies Used: **Flutter, PHP, MySQL**
- It tags the image with current location coordinates, and stores them in a **Firestore storage**.
- The link of these images is stored in a MySQL database, hosted on an Ubuntu server.
- Authenticated users can view all the stored images in the form of list with all the attributes.
- Develop and debug the **fullstack mobile application**.
- View this project on GitHub: [Click Here](#)
- Download APK: [Click Here](#)

Today's Tiffin

- Technologies Used: **Flutter, Django**
- This application is developed as a **freelance project** for a local Tiffin service business.
- The aim was to track a large number of customers **through a central platform using the mobile application**, instead of receiving calls and noting everything.
- Customers **registered to their service** receive login credentials.
- Users can view today's menu, estimated time of arrival (**ETA**) (depending on user's location), request cancellation, change in timing and clear dues through the application.
- Develop and debug the **mobile application**, work on requested features and maintain the application.

SKILLS

C++

Django

Flutter

MySQL

Data Structures

Algorithms

Cybersecurity

CERTIFICATIONS

Certified Ethical Hacker CEH v10

[View Certificate](#)