MOHIT JAIN

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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

- Working 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 **Firebase 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