





# SIMRAN SIMOLIYA

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## EDUCATION

**Indian Institute of Information Technology Jabalpur, India**  
Bachelors of Technology in Computer Science and Engineering

Jul 2019 - Jun 2023

## EXPERIENCE

**Paleru Technologies Pvt Ltd**

Feb 2022 - May 2022

Technologies Pvt Ltd

Remote

- Developed responsive web application using Django, AWS, Heroku,HTML, CSS,JavaScript, and Bootstrap.
- Developed interfaces for multiple types of users and added the api to alert the user if there internet speed is down.
- Added the performance chart of each student based on their performance.
- Added the average performance chart of each student based on their performance.

**FusionIIIT- An Institute Automation Software**

Jan 2022 - May 2022

Estate Module

Jabalpur MP

- Fusion IIIT is a enterprise project.My role is to create the estate, Estate Module is software designed to manage activities of undergoing construction or any maintenance work related to PDPM IIITDM Jabalpur module for the Project.
- Technologies : Python, Django, Postgres, JavaScript.
- Link: <http://fusion.iiitdmj.ac.in/>

## PROJECTS

**Custom Django User Model**

Nov 2021

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- create a custom User model in Django so that an email address can be used as the primary user identifier instead of a username for authentication.
- Django,Django-Rest-Framework.
- <https://github.com/simran212001/Django-Project.git>

**Django Chat App**

Nov 2021

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- Create a simple chat app where you can create chat rooms and users will chat in real-time. You don't need to store all the previous chat records as you can display only a few recent chats and older chats will be deleted.
- Django,Django-Rest-Framework.
- <https://github.com/simran212001/Django-Project.git>

**Online Bus Ticket booking System**

Oct 2021

IIITDMJABALPUR

- A bus reservation system is a mobile or web software solution designed to provide customers with a personalized easy-to-utilize user experience for booking and purchasing tickets online. It stores customers' personal data records, scheduled routes, frequent trips, drop points, and other information.
- Html,Css,Js,PHP, MySQL.
- <https://github.com/simran212001/ticket-reservation.git>

**Social Book App**

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March 2023

- [https://github.com/simran212001/social\\_book](https://github.com/simran212001/social_book)

**Contact Tracing with Machine Learning**

March 2022

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- Where I had used DBSCAN which is a density-based data clustering algorithm that groups data points in a given space. The DBSCAN algorithm groups data points close to each other and marks outlier data points as noise. I will use the DBSCAN algorithm for the task of contact tracing with Machine Learning.
- [https://github.com/simran212001/social\\_book](https://github.com/simran212001/social_book)

## TECHNICAL SKILLS

**Programming languages:** C, C++, Python, Node,React-js

**Frameworks/Libraries:** HTML, CSS, Django,JavaScript, PostgreSQL, Bootstrap, MongoDB

**ML/AI:** Numpy, Pandas

**Miscellaneous:** MySQL, AWS, Git

## RELEVANT COURSEWORK

**Computer Science:** Data Structures and Algorithms, Operating Systems, DBMS,OOPS

**Mathematics:** Optimization, Discrete Maths, Probability and Random Processes, Number Theory, Linear Algebra

## LANGUAGE

**languages:** English,Hindi