



# Mridul Singhal

## Backend Engineer

### My Contact

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### Skills

C , Python , Flask , Django , Django-Rest , Django-channels , SQLite , MySQL , Solidity , Brownie Framework , JavaScript , HTML , Rest-API .

### Profile

Logical and results-driven Web Developer dedicated to building and optimizing user-focused web solutions for customers with various business objectives. Judicious and creative when crafting effective websites, apps and platforms to propel competitive advantage and revenue growth. Technically proficient and analytical problem solver with calm and focused demeanor. I would be a fantastic asset to any project I am working on because of my love of programming and ability to create Backend code.

### Achievements

**Xartup Fellowship:** My idea was chosen for the Xartup Fellowship incubation programme. I was among the top 100 candidates selected out of 1000 candidates.

### Hobbies

Reading is enjoyable to me since it broadens our horizons and introduces us to a whole new world. I like reading books on business. I've read several books, including The Lean Startup, Mom's Test, and Zero to One. In addition, I enjoy playing football.

### Education

**Jaypee University of Information Technology, Solan (2020-Present)**

B.Tech Computer Science and Engineering

### Professional Experience

Teccrown Software | Backend Engineer  
JUL 2022 - OCT 2022

#### Task

- Worked on 2 projects both including development of highly efficient backend code in Django/python.

#### Approach

- Developed easy to read and highly reusable backend using Django.
- Developed APIs using the Django-Rest framework.
- Integrated google maps within my projects along with the email service.

#### Outcome

The needs of the client were successfully fulfilled and highly functional web app was developed.

### Projects

De-Centralized Lottery | Blockchain

#### Task

- Worked on a De-Centralized app in solidity

#### Approach

- Developed smart contract in solidity.
- Deployed using the Brownie framework in python.
- Deployed on Ganache local chain

#### Outcome

- A dapp was successfully created where user can participate in the lottery and randomly prizes were allotted.

Social Media Web App | Django

#### Task

- Worked on social media web app with a Django backend.

#### Approach

- Wrote easy to read , understand and reusable backend code.
- Developed API using the Django-Rest framework.
- Tried to implement Django-channels.
- Fixed bugs and finally deployed.

#### Outcome

- An end to end social media web app with a diverse variety of features was created , where the user can post , delete , chat , follow and unfollow . The app also suggests the user the people he/she can follow.

🌐 <https://www.linkedin.com/in/mridul-singhal-44aa62202/>