

# Vipul Sharma

Entrepreneur, Engineer, Tech Geek  
and Philosopher

Aiming to improve the digital world, make the world more connected, secure and advanced. Love to spend time on my laptop learning new stuff, watching movies and developing stuffs that would change lives of millions if not billions.



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## WORK EXPERIENCE

### Lead Developer (Team Leader) Smart Rail

04/2018 – Present *Smart India Hackathon - 2018*  
Indian Railways passenger facilitation app and digitalization/automation of various railway services.  
GitHub Repository: ([https://github.com/thevipulsharma/smart\\_rail](https://github.com/thevipulsharma/smart_rail)) – PHP, MySQL, VPS Hosting, Android, Django REST

### Full Stack Developer Thapar Connect

06/2018 – Present *Thapar Hackers Club*  
The college social network to automate and digitalize everyday stuff in the college and connect students, faculty and staffs.  
GitHub Repository: ([https://github.com/thevipulsharma/thapar\\_connect](https://github.com/thevipulsharma/thapar_connect)) – Django/DjangoREST, PostgreSQL, Heroku Hosting

### Full Stack Developer Oplous

01/2018 – Present *Thapar Institute of Engg. and Tech.*  
College attendance automation project using Face Recognition under the mentorship of Asst. Prof. Dr. Vinay Arora.  
GitHub Repository: (<https://github.com/thevipulsharma/oplous>) – Django, SQLite/MySQL, Heroku Hosting, C++ dlib library, Python face\_recognition API

## RELEVANT PROJECTS

### Elevator (C++ Application)

- C++ Application to simulate the real life working of elevators.
- (<https://github.com/thevipulsharma/elevator>)

### Chain Reaction Game (C++ console game)

- The console version of the famous chain reaction game. Developed as the data structures project in 4th semester of the college.
- ([https://github.com/thevipulsharma/chain\\_reaction](https://github.com/thevipulsharma/chain_reaction))

### Social Network (Django Website)

- A dummy social network demonstrating the might of Django framework.
- You can update status, send messages, get real time notifications and can also perform face recognition applications on registered users.
- ([https://github.com/thevipulsharma/social\\_network](https://github.com/thevipulsharma/social_network))

## YOU MAY ALSO LIKE

### Truepage - Paperless Office Application

- Software project to eliminate the use of paper in offices, institutions, local stores and daily lives.
- Java Desktop Application
  - <https://truepage.github.io>

## ACHIEVEMENTS & CERTIFICATES

Ranked 6th at nationals in Smart India Hackathon - 2018. Won Rs. 10,000 cash prize.

Opportunity to work with the Indian Railways in developing a website to digitize the railway services and facilitate passengers.

Ranked - 1 in college in CodeChef LOC July - 2018.

## SKILLS & COMPETENCIES

Team Work Goal oriented Time management

Turning ideas into reality Long term thinking

Resiliency Future focused Decision Making

Thinking through first principles

## PROGRAMMING SKILLS

C++	●	●	●	●	●
PHP	●	●	●	●	●
Python	●	●	●	●	●
Java	●	●	●	●	○
PLSQL	●	●	●	●	○
Web Development	●	●	●	●	○
Django	●	●	●	●	○

## INTERESTS

Programming	Computers
Movies	Philosophy
Technology	Open Source Projects

## SUPPORTED CAUSES

Online Privacy Quality Education