

Vipul Sharma (Vip)

Entrepreneur, Engineer, Tech Geek
and Philosopher

Aiming to improve the digital world, make the world more connected, secure and just. 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 Smart Rail

07/2018 – Present

Indian Railways

Indian Railways passenger facilitation app and digitalization and automation of various railway services. (www.orbitnext.com/sih)

Technology stack

- PHP, MySQL, VPS Hosting, Android, Django REST

GitHub Repository: https://github.com/thevipulsharma/smart_rail

Full Stack Developer Thapar Connect

05/2018 – Present

Thapar Hackers Club

The college social network to automate and digitalize everyday stuff in the college and connect students, faculty and staffs.

Technology stack

- Django/DjangoREST, PostgreSQL, Heroku Hosting

GitHub Repository: https://github.com/thevipulsharma/thapar_connect

Full Stack Developer Oplous

01/2018 – Present

Thapar Institute of Engineering and
Technology

College attendance automation project using Face Recognition under the mentorship of Prof. Dr. Vinay Arora.

Technology Stack

- Django, SQLite/MySQL, Heroku Hosting, C++ dlib library, Python face_recognition API

GitHub Repository: <https://github.com/thevipulsharma/oplous> –
(PHP version of the project)

RELEVANT PROJECTS

C++ Reference (04/2018 – Present)

- C++ reference library and tutorial for students. Planning to publish on GitHub after completion. (https://github.com/thevipulsharma/cpp_reference).

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).

SKILLS & COMPETENCIES

Thinking through first principles

Goal oriented

Resiliency

Future focused

Time management

Turning ideas into reality

Long term thinking

ACHIEVEMENTS & CERTIFICATES

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

Opportunity to work with the Indian Railways in developing the <https://www.irctc.co.in> website on the basis SIH-2018 performance.

PROGRAMMING SKILLS

C++	●	●	●	●	●
Java	●	●	●	●	○
PHP	●	●	●	●	●
PLSQL	●	●	●	●	●
Python	●	●	●	●	○
Javascript	●	●	○	○	○
Bash	●	○	○	○	○

INTERESTS

Computers	Programming
Philosophy	Technology
Politics	Movies
Reading	Social Work
Music	Open Source Projects