

Mayank Singh

portfolio | email: mayank.singh081997@gmail.com | mob: +91 8770362541

EDUCATION

JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY

B.TECH. IN INFORMATION TECHNOLOGY | FINAL YEAR
2017 - 2021 | Noida, India

LINKS

GitHub:// @code-monk08
LeetCode:// @codemonk08_
LinkedIn:// @code-monk08
Twitter:// @codemonk08_

ROLES

PyBites - CONTRIBUTOR
OSDC - CORE TEAM MEMBER & DESIGNER
PyData Delhi - CONTRIBUTOR & VOLUNTEER

COURSEWORK

UNDERGRADUATE

Data Structures
Operating Systems
Database Systems & Web
Algorithms & Problem Solving
Theoretical Foundations of CS
Software Development Fundamentals

SKILLS

PROGRAMMING LANGUAGES

Python • C/C++ • Javascript • SQL
MongoDB

FRAMEWORKS & LIBRARIES

Django • Django Rest Framework •
Flask • Node.js • Express.js • PyGame

TOOLS

Linux • Git • GitHub • Postman •
Swagger • Photoshop • Snapseed

MISC.

HTML • CSS • Bootstrap

INTERESTS

Open Source • Photography •
Graphic Designing

EXPERIENCE

INNOVACER | SOFTWARE DEVELOPMENT ENGINEERING INTERN

Apr 2020 - Jun 2020

- Designed Data Models • Designed & Documented REST APIs in Swagger. • Django & Django Rest Framework • Marshmallow Validation • Manual & Unit Testing

KHARAGPUR OPEN SOURCE SOCIETY | OPEN SOURCE MENTOR

December 2019 - January 2020

- Formed Community around (Connect4) • Mentored 30+ students from all over India from various IITs, NITs, IIITs to help them step into Open Source Development • 25+ Pull Requests • 24 Forks • 12 Stars • 10+ Issues.

PYBITES | OPEN SOURCE CONTRIBUTOR

October 2018 - Present

- Open Source Contributor @ Pybites Community of 30,000+ Pythonistas, Worked on Questionnaire API & multiple code challenges.

PROJECTS

INGRESS | WEB APPLICATION

November 2019 | Personal Project

- It's a MVP on Entry Management | Node.js | MongoDB | EJS | Passport | nodemailer | Nexmo API

QUESTIONNAIRE API | WEB BACKEND

September 2019 | Open Source Contribution

- It's a free to use Open Sourced Questionnaire database which has a REST API implemented in Python3 & Flask using PostgreSQL database.

OPEN SOURCE API WRAPPER | WEB BACKEND

September 2019 | Open Source Contribution

- It's a GitHub & GitLab API Wrapper packaged into one server | Python3 & Flask | contains minimal API interactions to get the required information from the respective GitHub & GitLab APIs.

CONNECT FOUR | DESKTOP GAME

Feb 2019 | Personal Project

- Board Game of 6 rows & 7 columns for two players using Pygame library.

METROWORKS CLI | COMMAND LINE APPLICATION

Oct 2018 - Dec 2018 | Academic Project | Data Structures & Algorithms

- An application meant for Linux users. It helps you find & visualize the shortest paths between Delhi metro stations, it uses graph data structure & Dijkstra's algorithm, implemented in C++

HONORS

2019	Among Top 4 Teams	Smart India Hackathon 2019
2019	top 11/ 250 teams	Krack IIIT CTF Challenge(1 st in College)
2018	3 rd / total submissions	Online Poster Making Competition
2017	3 rd / 200 teams	Manual Robotics Event of μ CR, IIIT 62, Noida