

Aditya Patel

Website

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LinkedIn

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EDUCATION

Class XII CBSE
PCM+CS 95.2%

Panvel, MH
July 2021

STRENGTHS

Learner: Committed to lifelong learning.

Reliable & Consistent: Determined to deliver results.

Adaptability: Open to different ways of doing things.

Curious: Always on the lookout to learn how things work.

Communication: can clearly communicate complex ideas.

Most of all, I love to code.

SKILLS

Python, C/C++, Java, MySQL, HTML/CSS

PROJECTS

My Website

July 2021

- Designed a minimal website using HTML and CSS to showcase my portfolio.
 - Updated the design twice to make it appealing.
- [View](#)

Python OCR

July 2021

- Crafted a program in python using OpenCV and PyTorch to extract text from images.
 - Added the ability to read and extract multiple lines of text from images.
 - Added the ability to use Hardware Acceleration (GPU) to speed up the detection of text.
- [View](#)

Python QR Code Generator

June 2021

- Engineered a program from scratch to generate QR Codes of anything text based.
 - Used tkinter, PyQR and PyPNG, created a serviceable GUI, added the functionality to save generated QR codes as images.
- [View](#)

File Encryption/Decryption System in Python

June 2021

- Crafted a program to encrypt/decrypt text using SHA265 encryption.
 - Used Cryptography module.
 - Implemented the ability to encrypt/decrypt text only after entering a master password, uniquely linked to a key, which is used to authenticate the process.
- [View](#)