

SWAPNIL PATIL

📍 At:- Kadalage, Post:- Dholgarwadi, Chandgad, Kolhapur 416507  <https://github.com/ultronpatil>

✉ ultronpatil@gmail.com  <https://www.linkedin.com/in/swapnil-patil-0005b925a/> ☎ 73879 13344

EDUCATION

B.tech in CSE

- June 2024

D Y Patil college of engineering and technology, kolhapur.

- degree will be completed on june 2024.
- **76.45** aggregate percentage till **7** semester.

HSC

- June 2020

Sai International college, Gadhinglaj.

- Completed HSC board exams with **75%** with mathematics and physics.

SSC

- June 2018

Shri Ram Vidyalaya, Kowad.

- Completed SSC board exams with **95%**.

SKILLS

○ **Languages** :- Python, C, C++, JavaScript, HTML, CSS familiar with Pandas, matplotlib in python

○ **Frameworks** :- node.js, react.js, react native, flask

○ **Databases** :- MongoDB, MySQL, Familiar with MongoDB Compass & Atlas

○ **Tools** :- Git, Linux(Kali & Ubuntu), AWS & google cloud, Docker, Unity, Arduino

○ **Cyber Security** :- Burp Suite, The Browser Exploitation Framework, Metasploit

PROJECTS

○ Password Generator app

<https://github.com/ultronpatil/password-generator>

- Built using **Python** and the **Kivy** framework. It allows users to **generate random passwords** with customizable options such as length, character types, and symbols.

○ Python Keylogger Application

<https://github.com/ultronpatil/python-keylogger>

- Capable of recording **keystrokes**, **logging mouse clicks**, capturing screenshots, and providing extensive monitoring features for enhanced system surveillance.

○ DuckForce: Arduino Attack Toolkit

<https://github.com/ultronpatil/DuckForce-Arduino-Attack-Toolkit>

- Reconfigured an Arduino to function as a **USB Rubber Ducky**, capable of **executing HID** (Human Interface Device) attacks to manipulate computer systems.
- Developed **customized payloads** and deployed for **automated keystroke injections**, enhancing penetration testing and security auditing capabilities.

○ Car Parking with IoT

https://github.com/ultronpatil/park_your_ride

- **React.js** used to make a responsive car parking website and the **Arduino and IoT sensors** are implemented on the live site. Booking the parking lot and detection of cars works seamlessly.

CERTIFICATIONS

- **Introduction to Cyber security** (<https://verify.mygreatlearning.com/verify/CCOECECPU>)
- **Fortinet Certified Fundamentals in Cybersecurity** (verification code - 8488391423SP)
- **Fortinet Certified Associate in Cybersecurity** (verification code - 1383211131SP)
- **Google cloud specialization by Coursera**
(<https://coursera.org/verify/professional-cert/D6LKU9FTWTRN>)

INTERNSHIP

- DevOps Intern at Tann Mann Foundation
 - Learned about SSL management and reverse proxy servers.
 - Maintained GIT workflows for version control -source code management.
 - Did cost reduction for cloud infrastructure and reduced unnecessary consumption of dedicated server.