Apoorv Kotnala

CYBER SECURITY | CODER

Professional Profile and Objective

A competent individual looking for an opportunity to be a part of an esteemed organization, allowing me to utilize my education while gaining valuable work experience in a team-oriented environment.

Work Experience

Media Is You Pvt. Ltd.

10 Jun 2019 - 19 Jul 2019

- Vulnerability Assessment and Penetration Testing.
- Hands on experience in conducting web application penetration testing using both open source and proprietary tools such as Burp Suite, ZAP, SqlMap, etc.

<u>Defense Research and Development Organization</u>

8 Jun 2018 - 20 Jul 2018

- Security Analysis of Web Applications and Operating Systems.
- Hands on experience in finding vulnerabilities in network, OS, Protocols, IoT, NMAP, python scripting and knowledge of OWASP Top 10.

Academics

<u>Maharaja Agrasen Institute of Technology</u>

Aug 2016 - Oct 2020

B.Tech. in Computer Science Engineering CGPA - 7.65

The Air Force School

Apr 2015 - Mar 2016

10+2 CBSE: Percentage - 91.2%

Apr 2014 - Mar 2016

10 CBSE: CGPA - 9.8

Research Paper

- Research Paper published in "International Conference on Innovative Computing & Communications (ICICC) 2020" on "Obfuscation Based Security Protocol for Wireless Network".
- Paper available at SSRN: https://ssrn.com/abstract=3643489.

Projects

cryptool

Cryptography tool coded in python3 for linux CLI terminal where a user can both encrypt and decrypt a message using many cryptographic techniques like Caesar, Vigenere, Affine and DES.

shodanAT

Project coded in python3 for linux CLI terminal where a user can automate the process of fetching data from the database of https://shodan.io using the shodan API.

• e-yantra 2k18

Team project based on Real Time Flight Simulation of Drone. Worked with ROS and V-REP using python and lua.

Achievements and Interests

- GATE 2020 qualified.
- Semi-finalists in e-yantra 2018
- Member of Music Society of MAIT: Affinity.
- Coordinator in college Annual Fest 2017.
- Member for an NGO: Leaders For Tomorrow (LFT).



+91 8588076271

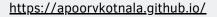


aps.kots@gmail.com



C-1, Tower-1, Type-III, East Kidwai Nagar, New Delhi - 110023







https://github.com/apoorvkotnala



https://www.linkedin.com/in/apoorvkotnala/