APOORV KOTNALA

CYBER SECURITY | CODING
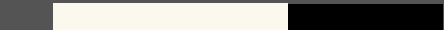
PERSONAL SUMMARY:

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.
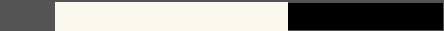
SPECIALIZATIONS:

- C/C++/JAVA/PYTHON

- DATA STRUCTURES

- HTML5/CSS3/JAVA SCRIPT

- VULNERABILITY ASSESSMENT

- PENETRATION TESTING

GET IN TOUCH!

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🌐 https://apoorvkotnala.github.io/

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

 https://github.com/apoorvkotnala

WORK EXPERIENCE:

INTERN
Media Is You Broadcasting Pvt. Ltd. | **Jun-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.

TRAINEE
Defense Research and Development Organization | Jun-Jul 2019

- 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.

ACADEMIC HISTORY:

MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY
B.Tech. in Computer Science Engineering | 2016-2020
Graduated with a CGPA of 7.5.

THE AIR FORCE SCHOOL
CBSE Board | 2014-2016

10+2 - Passed with score of 91.2%.
10th - Passed with CGPA of 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).