Arun Chaudhary

BACHELOR OF TECHONOLOGY - COMPUTER SCIENCE

PERSONAL SUMMARY

A highly determined computer science student who loves to learn new technologies and shares great amount of interest in the field of cyber security.

CONTACT DETAILS

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INTERESTS

- Solving CTFs
- FPS Gaming
- Cloud Security
- Virtualisation
- Graphic Design
- Reverse Engineering

PROFESSIONAL LINKS

github.com/its-arun
linkedin.com/in/arun483/

ACADEMIC HISTORY

Lovely Professional University

Bachelor of Technology in Computer Science and Engineering (2016 - Present)
7.68 CGPA

Shiv Jyoti Public School

Higher Secondary (2016)
65.6%

Shiv Jyoti Public School

Secondary (2014)
7.2 CGPA

CERTIFICATIONS

Cryptography - I
Coursera (06/2018)

PentesterLab Badges
PentesterLab.com (05/2018)

- UNIX Badge
- Essential Badge
- White Badge
- Serialize Badge

ACHIEVEMENTS

First Runner Up - TCS HackQuest (12/2019)

CTF competition organised by Tata Consultancy Services among 2000+ participants.

Hosted CompTIA Secure IT - 2019 CTF (10/2019)

Developed CTF platform and contributed challenges for the event.

Top 10 - HackTheBox (08/2018)

Ranked 6, Hall Of fame among 100k active users
https://www.hackthebox.eu/profile/11516

Second Runner Up - Brainwaves CTF (01/2018)

Capture The Flag competition organised by Société Générale.

PROJECTS

Zephyr

Chandigarh Police Hackathon (11/2019)

- Zephyr is a Machine Learning powered Web Server Log analyser. It can act as an IDS and report suspicious activity to the web administrator. It can also make use of Yara Rules for binary scanning.
- Used Logistic Regression which comes under supervised machine
learning. The model's accuracy is as high as 99.93%.

CTFHUB

Lovely Professional University (05/2018 - 12/2019)

- CTFHUB is a Capture the Flag platform where people willing to learn and improve their cyber security skills can practice and compete.
- The application is being developed in Laravel framework and is hosted on Google App Engine.
- Users Google CloudSQL for database storage.

D.A.T.A.

Microsoft Hackathon 1.0 (11/2017)

- D.A.T.A. is Digitally Advanced Travel Assistant which can help user to book or look for hotel rooms in a particular city. User can also order food from their local restaurants.
- Learned about DialogFlow

OTHER PROJECTS

- Play Framework XXE - Proof Of Concept (POC)
- CVE-2016-2098 - Proof Of Concept (POC)
- Werkzeug Debug RCE - Proof Of Concept (POC)
- Cross platform Electron client built for University Management System
- Automated the process of setting up reverse tcp listener over WAN without port forwarding
- CSGO Skin Injector
- POC for Unauthenticated PII Disclosure

SKILLS

Web Application Penetration Testing
- SQLi · XXE · XSS · RCE · Netsparker · SSTI · CSRF · SSRF · IDOR

External / Internal Penetration Testing
- Nmap · Nessus · BurpSuite · Hydra · wfuzz · Metasploit · Wireshark
- Responder · SQLMap · SMBClient · Aquatone · GoBuster · CrackMapExec

Active Directory Based Attacks
- Domain Enumeration · lolbins · Mimikatz · Golden, Silver Ticket · Skeleton Key
- Lateral Movement · Kerberoast · MSSQL Attack Vectors

Android Application Penetration Testing
- APKTool · ADB · FastBoot · ByteCode Viewer · Smali Code Analysis · Jar Sign

Other Skills
- Docker Security · Fullstack Web Development · Offensive Python Programming
- C/C++ Programming Source Code Analysis · Adobe Photoshop