Viswak Hanumanth G K

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LINKS

Github:// viskey98
Codeforces:// Suga-R
Codechef:// viskey

SKILLS

PROGRAMMING

Proficient:
C • C++ • Python
Familiar:
HTML • CSS • MySQL • Verilog
Django • JavaScript

TOOLS

Familiar:
Kali Linux-pentesting tools
Sony Vegas • Blender

ACHIEVEMENTS

Competitive coding
Max ratings:
Codechef - 2043 , 5 star
Codeforces - 1568 , specialist

POSITION OF RESPONSIBILITY

CYBER-SECURITY DEPT COORDINATOR

NJACK,
Computer science club of IITP
Aug 2018 – Present

COURSEWORK

UNDERGRADUATE

Data Structures
Algorithms
Switching theory

ETHICAL HACKING

Kali linux tools by udemy

MISCELLANEOUS

Inter-IIT volleyball player
Singer • Gamer

EDUCATION

INDIAN INSTITUTE OF TECHNOLOGY PATNA

Btech in Computer Science
2016-2020 | Patna, India
Cum. GPA: 8.89 (current)

SVM HR. SECONDARY SCHOOL ANANDASRAMAM

Sr. Secondary education
Grad. May 2015| Salem, India
Percentage: 96%

EXPERIENCE

GOOGLE SUMMER OF CODE 2018

May 2018 - Aug 2018

- Completed my GSoC 2018 on project SNARE/TANNER under organization, The honeynet org .

CORE MEMBER OF HONEYNET ORG

Norwegian chapter | Aug 2018 - current

- The honeynet org is a famous cyber-security based open source organization.
- I am currently a member of this org and hold collaborator rights on the repository of one of their projects.

PROJECTS

SNARE/TANNER | GSoC 2018

Dec 2017 - current

- An open source python based web-application honeypot aimed at capturing maliciousness all over the web.
- I reconstructed the code base, created unittests, migrated low-level deprecated server to a high level aiohttp web-server.
- I improved the analyzing technique of the honeypot by creating heuristic decision binary-trees making the detection process more meaningful and sustainable.
- I created authorization for its API using JWT, to secure the honeypot's detection data, which was previously not secure.
- I implemented location info in the session stats using open source ip-to-geo database, thus showing the location of every session done.

CREDENTIAL CAPTURING HONEYPOT | Innovation Lab, IIT-Patna

Jan 2018 - Apr 2018

- A python based web-application honeypot aimed at capturing credential of maliciousness personell within a specific organization.
- Basic concepts were derived from SNARE/TANNER.
- Worked with Dhanush SR to create the server, analyzer and webUI using aiohttp python library.
- Deployed for IITP student-information-system server and tested with basic attacks.