



Adithyan Arun Kumar

OSCP | CEH (Master)

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Infosec Skills

- Penetration testing
- Offensive Security
- Bug Bounty
- Exploit Development
- Open Source Intelligence
- Security Research

CVE

- CVE-2019-6441
- CVE-2019-7562
- CVE-2019-7563
- CVE-2019-7564
- CVE-2019-7565

Education

B.Tech Information Technology
Aug 2017 - March 2021
Sri Krishna College of
Engineering and Technology

Personal Profile

Offensive Security
Researcher with over 4
years of experience.
Skilled in Penetration
Testing, Web
Application Security,
Network Security, and
Red Teaming

Programming Skills

- Python
 - Django Framework
- Bash
- C
- C++
- Java

Career Summary

OWASP, Coimbatore — Chapter Head

July 2018 - Present

Conduct specialized research in application vulnerabilities and attack vectors, designing and developing open-source tools for application security, contributing to existing OWASP open-source projects, and conducting cybersecurity training and awareness programs.

Gurugram Cyber cell, Haryana — Intern

May 2019 - June 2019

Researched real-world cybersecurity attacks against people, studied and interpreted cybersecurity laws, and developed security suites to be used by Law Enforcement agencies.

PrimeFort — Security Analyst (Part-Time)

July 2019 - April 2021

Responsibilities include researching and analyzing new vulnerabilities, web and network penetration testing, source code reviews, threat analysis and wireless network assessments

Synack Red Team - Red Team Researcher (Part-Time)

April 2021 - Present

Host security assessment, web application penetration tests, Developing comprehensive and accurate reports with proof of concept.

Research & Achievements

- **Top 10 Security Researcher** - Oppo Bug Bounty Leaderboard 2018.
- **Winner** at Hac'KP 2020 International Virtual Hackathon by Kerala Police Department
- **Winner** at SecArmy CTF 2020
- **Reverse Engineering and Backdooring Router Firmware** - IEEE International Conference on Advanced Computing and Communication Systems
- **LSAF: A Novel Comprehensive Application and Network Security Framework for Linux** - IEEE International Conference on Advanced Computing and Communication Systems
- **Remote Code Execution in Web Applications** - International Journal of Engineering and Technology
- **Web Application Penetration Testing** - International Journal of Innovative Technology and Exploring Engineering (IJITEE)
- **Runner** at TN Police Hackathon conducted by Tamilnadu Police
- Delivered talks at Defcon and OWASP meetups

Projects

WAVE – Web Application Vulnerability Scanner

A Python-based CLI tool that scans for web application vulnerabilities such as Cross-site scripting, SQL injection, local file inclusion, Host header injection, Clickjacking, and Cross-origin resource sharing.

OSINTsploit – Framework

A comprehensive OSINT framework built with Python that gathers information about a suspect through a variety of Open Source Intelligence techniques. Additional functionalities include metadata extraction, reverse image search, IP heat map creation, etc.

Track Their Download – REST API

An API built with Django REST Framework to display torrent download information of a given IPV4 address by scraping from an external source.

Whatsapp Auto Chat Bot – ChatBot

An Artificially intelligent chatbot built with Python and selenium that can impersonate the user and speak to the user's selected WhatsApp contacts.

Certifications

- [Offensive Security Certified Professional \(OSCP\)](#)
- [Certified Ethical Hacker](#)
- [Certified Ethical Hacker Practical](#)
- [Certified Ethical Hacker \(Master\)](#)

Hall Of Fame & Recognition

- Microsoft
- Oppo
- AT & T
- Apple Security Advisory
- Intel
- Avira

Exploits

- www.exploit-db.com/exploits/46180
- www.exploit-db.com/exploits/46336

Author Profiles

- [Exploit-DB](#)
- [Cxsecurity](#)
- [Packetstormsecurity](#)
- [Vulmon](#)
- [Github](#)
- [Google Scholar](#)

Social Handles

- [Instagram](#)
- [LinkedIn](#)
- [Twitter](#)
- [Facebook](#)

Character References

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