

SAKET UPADHYAY

CYBERSECURITY
STUDENT

ABOUT ME

Research and result oriented cybersecurity student.

I like to experiment with old and new technologies and learn more about how it works by bending and breaking it and try to fix if it breaks. I like to find simple solutions to challenging problems. When not hacking I like to learn new languages or meet new people

EDUCATION

Vellore Institute of Technology

2018 - 2022 | CSE with specialization in Cybersecurity and Digital Forensics

Kendriya Vidyalaya

2006 - 2018 | High School (10+2)

EXPERIENCE

JUL-AUG 2019 AZURE SKYNET SOLUTIONS PVT. LTD

2019 PENETRRTION TESTER (INTERN)

- TEST 5 ISOLATED SYSTEMS FOR VULNERABILITIES
- CREATE PoC
- CREATE VULNERABILITY REPORT
- PATCH FOUND VULNERABILITIES

APR 2019 TECHNICAL LEAD

2019 CyVIT'19

- Managed team of talented and enthusiastic people in CyVIT 2019 event. Task ranging from providing simple technical hands to setting up secure networks and servers for participants.

TECHNICAL SKILLS

- Malware Analysis
- Reverse Engineering
- Vulnerability Assessment & Reporting
- Penetration Testing
- Technical Writing
- Secure Coding

LANGUAGES & TECHNOLOGIES

- ASSEMBLY (x32, x64, 8086)
- C
- C++
- PYTHON
- JAVA
- ANDROID
- RUBY
- METASPLOIT FRAMEWORK
- BRUP SUITE
- MALTEGO
- IDA
- x32/x64 Debugger
- GHIDRA
- GNU Debugger (GDB)


MANAGEMENT SKILLS

- PUBLIC SPEAKING
- LEADERSHIP
- TEAM MANAGEMENT
- MASS PRESENTATION

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CONTACT

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 twitter.com/x64mayhem

CERTIFICATIONS

Autopsy 8-Hour Online Training

APR 2020 | Basis Technology (ID - 16976888)

Fundamentals of Cyber Risk Management Public Version

APR 2020 | Cybersecurity and Infrastructure Security Agency (CISA)

Identifying Security Vulnerabilities in C/C++ Programming

APR 2020 | University of California, Davis (Coursera)

Software Security

FEB 2020 | University of Maryland (Coursera)

Malware Threats

MAY 2019 | Cybrary (C-fbe069fd0-16d03e67a)

Advanced Penetration Testing

JAN 2018 | Cybrary (C-fbe069fd0-117bb4)

PROJECTS

SAMPARK : Website Connection Security Scanner

May 2020 – Jun 2020 [[see on GitHub](#)]

Android Device Threat Report Generation using PACE framework and ADB

Jan 2020 – Mar 2020

PACE : Platform for Android application Classification and Evaluation

Sep 2019 – Dec 2019

Live Movement Tracing in Android using Polygraph lines.

Dec 2018 – Mar 2019 [[see on GitHub](#)]

PUBLICATIONS

PACER: Platform for Android Malware Classification, Performance Evaluation and Threat Reporting

APR 2020 | Future Internet, MDPI

<https://doi.org/10.3390/fii2040066>

PACE: Platform for Android Malware Classification and Performance Evaluation

DEC 2019 | IEEE International Conference on Big Data

<https://doi.org/10.1109/BigData47090.2019.9006557>

HONORS AND AWARDS

Best Paper Award, IEEE

2019 | International Conference on Big Data 2019

1st Rank in DerpCon 2020 SCW Tournament

2020 | Denver Enterprise Risk Professionals Conference 2020

Winner HackCoVIT'20 National Hack-a-thon

2020 | Vellore Institute of Technology, Bhopal

1st in Ultimate Secure Code Tournament [Lockdown Edition]

2020 | Secure Code Warrior & Armadillo.

LANGUAGES

Hindi



English



Russian

