

Animesh Roy | Breaking Security since 2011

📍 INDIA

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With over 10 years of experience in the field of cyber security, Animesh Roy has worked with a range of organizations including governments, corporations, colleges, universities, defense agencies, and the cocommunity. He runs a community called "Arishti Live" to assist those who want to enter or work in the cyber security domain. His expertise in training and consulting is unparalleled, as he incorporates real-life case studies into his training sessions to provide a better understanding of the job. In addition to his work with Arishti Live, Roy is also a freelance consultant for multiple vendors, offering his expertise in SOC and blue teaming activities.

📁 Professional Experience

Manager CyberSecurity Practice, *Exela technologies*

12/2021 – present
Chennai, India

Cyber Security Consultant, *Exela technologies*

Working as Cyber Security Consultant. responsible for SoC & IR

08/2022 – present
Chennai, IN

Project Research Scientist, *IIT Mumbai*

Project 1: Developing a Malware analysis Sandbox with OSQuery, TCP Dump & some other useful tools. goal is getting enrich logs from 'samples' and create useful datapoints for our ML program. My job is developing & testing Malware Sandbox VM to able to run as many samples as possible & bypass any 'VM evasion' techniques.

10/2021 – 07/2022
Mumbai, INDIA

Project 2: Helping team of Developers for inhouse EDR solutions.

CTO, *Hyperspace IT India Private Limited*

Team of Application Security Researcher and Penetration Tester having Industrial Experience with good knowledge in VA and Penetration.

08/2019 – 09/2021
Hyd, IN

Achievements/Tasks

- Primary Penetration Tester responsible for a wide-range security assessments, including: external PT, Internal PT, WAPT, web-services, VA.
- Setting up VA tools for Clients
- Engagement Plan creation with proper documentation.

Information Technology Consultant, *Nektrix Software India (P) Ltd.*

Vulnerability Assessment and Penetration Testing on various domains like Web Applications, Mobile Applications, APIs, and Networks.

01/2012 – 07/2019
IN

Milestones

- Server Administration (setup, configuration & management)
 - ADDS
 - ADCS
 - DNS, VLAN
 - EMAIL/EXCHANGE SERVERS
 - GIT
- Classroom Training (cyber Security) content & lab development.
- First Classroom OS release (suitable for Lab/controlled training)
- Open-Source a few tools/scripts for training/education purposes only

Contract Works, *Freelance*

- Migration Project for ING Vysya Bank
- Migration Project for SC bank
- setup SOC for vendors/clients
- setup SIEM solutions for clients

Trainer

Training (few mentions)

- ASCI training for Government official
- Sikkim NIC Cyber Security Training
- SCRB, WB Cyber Crime/ Security Training
- Hissar Army Cant. Cyber Security Training
- TSPA. Telangana Cyber Security Training
- Foreign Delegation (Government Emp.) Cyber Security Training

Publications

Evading Malware Analysis Using Reverse Execution Publisher, *IEEE*

2022

Malware is a security threat, and various means are adapted to detect and block them. In this paper, we demonstrate a method where malware can evade malware analysis. The method is based on single-step reverse execution of code using the self-debugging feature. We discuss how self-debugging code works and use that to derive reverse execution for any payload. Further, we demonstrate the feasibility of a detection evading malware through a real implementation that targets Linux x86-64 architecture for a reference implementation. The reference implementation produces one result when run in one direction and a different result when run in the reverse direction.

Certificates

Certified Ethical Hacker

License No: ECC4319758260

Try Hack Me

Top 1%

Hack The Box

Rank: Hacker

Pentesterlab

Attack Defence

Skills

System Administration

Data-center, Cloud (AWS, GCP, Microsoft Azure)

VAPT

Code Review, APP Sec, System, network

SOC

SIEM, EDR, IDS, IPS, WAF

Training

interactive, case studies

Red Teaming Engagement

Blue Teaming

Forensic

Network, Disk & Memory
Forensic

Organizations

Arishti Live (Community), *Founder*

Arishti is a Open Community that provide trainings(FREE) on topics that are not widely available.

03/2020 – present
IN

YouTube Channel 

Languages

English • Hindi • Bangla

VOLUNTEER EXPERIENCE

Arishti Live, *Admin*

During quarantine time, let us take a step forward and learn things that we are passionate about! We bring you a platform where you can learn about the subjects you are passionate about. We have planned a series of sessions that are Introductory to a good level of understanding courses by professionals with a lot of experience in the Infosec community.

SillyCon

Presented as a speaker and deliver multiple talks on different Cyber Security Topics. Some mentions:

- Metasploit & IRB shells
- Social Engineering with phishing attack
- Web-App security
- Mobile Hacking ;how attacker attack (awareness program) and what you can do to identify and prevent

2015 – 2017
Kolkata, IN

null, *The Open Security Community*

Deliver Few talks on Nu|| platform

2016 – 2017

Training Programs

Cyber Security Trainer at ASCI Hyderabad

HYD, IN

- Design and deliver cyber security courses on network security, information security, web application security, and more
- Tailor courses to the specific needs of students from diverse backgrounds
- Use a combination of lecture-based teaching, hands-on exercises, and real-world case studies
- Received positive feedback for teaching style, course content, and expertise in the field of cyber security
- Committed to ongoing learning and staying up-to-date with the latest trends and developments in the field.