

ANIMESH SHAW

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Confident Information Security Professional successful at performing critical tasks calmly and rationally. Equipped with good communication skills and have delivered training on various InfoSec areas like Web Application Security, Penetration Testing, & Digital Forensics across various personnel with varying job descriptions. Committed to providing high-quality results and performing independent research to solve and get problems solved.

PROFESSIONAL SKILLS

- Web Application Security and OWASP Top 10
- Network Security
- Vulnerability Assessment & Scanning
- Digital Forensics (especially Windows and Registry Forensics.)
- Exposure to Malware Forensics & Reverse Engineering
- Exposure to Android Penetration Testing & Mobile OWASP Top 10
- Scripting using Python, & bash
- Good Grasp of Java, C, & PHP
- Good Understanding of Web Technologies and REST API's
- Developing automation tools for Security testing.
- Android Application Development
- Good Familiarity with Linux and Windows Environments.

TOOLS

- **Security Tools**
 - *Network and Web Application Security* Wireshark, Metasploit, BurpSuite, ZAPProxy, Nmap, Netcat, Hydra, John, w3af, Nikto, Network Miner, Recon-ng etc.
 - *Digital Forensics* OSForensics, FTK Imager, EnCase Imager, EnCase Tableau, SANS SIFT, Appie, volatility, Sysinternals Suite, Drozer, Hancm MD-RED etc.
 - *Malwares* CFF Explorer, PPEE, PortEx, JD-GUI, PE Studio, PE Explorer
- **Networking Protocols** TCP/IP, UDP, DNS, SMB, SSH, VPN, FTP, HTTP/HTTPS, SSL.
- **Operating Systems:** Linux, Windows, Android.
- **Development:** Git, JIRA, PyCharm, IntelliJ Java IDE, Netbeans, Jupyter.

EXPERIENCE

MARCH 2017 – CURRENT

INFORMATION SECURITY ANALYST, CTG SECURITY SOLUTIONS™

- Handling projects on Web Application Security, Network Security and Forensics related services.
- Give training on Web Application Security, Bug Bounty, Network Security, CEH and CHFI.
- Designing & updating existing courses and developing new content.
- Equipped with good communication, I have experience handling potential clients.

OCTOBER 2016 – CURRENT

FREELANCE INFORMATION SECURITY TRAINER

- InfoSec and Pentesting Consultancy services.
- Give Training on Web Security, Ethical Hacking, Network Security, Mobile Forensics, Digital Forensics etc.
- Provide workshops and one-on-one training both online and classroom across PAN India.

JULY 2015 – AUGUST 2016

DIGITAL EVIDENCE ANALYST, DATA64 CYBER SOLUTION PVT LTD

Worked as Digital Evidence Analyst and Technical Lead. Following were my roles and responsibilities.

- Conducting Investigations of the cases that came to the team.
- Designing content for various training programs on Cyber Forensics for various Private and Public Org Worked on various cases involving file modification, failed hard drive recovery, deleted files, malware detection, and analysis, cell phone analysis for both Private and Government Institutions
- Experience working with Hancm's Mobile Forensic Toolkit, MD-NEXT, MD-RED, EnCase Tableau Write Blocker
- Experience with Data Analysis of different Forensic Image formats like AFF, DD, E01 etc.

MAY 2015 – JUNE 2015

ETHICAL HACKING TRAINER, IIHT INSTITUTE

Gave training to students on Ethical hacking from the ground up level following the EC-Council CEH syllabus.

EDUCATION

2011 – 2015

B. TECH COMPUTER SCIENCE & ENGINEERING, WEST BENGAL UNIVERSITY OF TECHNOLOGY

- *Project: A Heuristic Approach to Factoid Question Generation from Sentence.* Our project resulted in an International Journal Publication.
- *Final CGPA – 7.87*

2011

ISC (10 + 2), CALCUTTA PUBLIC SCHOOL

Scored 76% in 10 + 2 from Calcutta Public School affiliated to CISCE with Science Stream.

2009

ICSC (10), CALCUTTA PUBLIC SCHOOL

Scored 89.4% In 10 from Calcutta Public School affiliated to CISCE.

CERTIFICATIONS

FEBRUARY, 2017

CERTIFIED WEB APPLICATION SECURITY EXPERT, CTG SECURITY SOLUTIONS™

NOVEMBER, 2016

POST-GRADUATE DIPLOMA IN SOFTWARE ENGINEERING, BRAINWARE INSTITUTE WITH PROJECT IMPACT JADAVPUR UNIVERSITY.

AUGUST, 2016

DIGITAL EVIDENCE ANALYSIS & MOBILE FORENSICS, DATA64 CYBER SOLUTIONS PVT. LTD.

HONORS & ACHIEVEMENTS

MARCH, 2018

ACKNOWLEDGEMENT FOR DOM BASED XSS - OPEN BUG BOUNTY ID: OBB-580548, PORNME.PM

MARCH, 2018

ACKNOWLEDGEMENT FOR REFLECTED XSS - OPEN BUG BOUNTY ID: OBB-574819, HIFI.NL

MARCH, 2018

ACKNOWLEDGEMENT FOR XSS VIA HTTP PARAMETER POLLUTION - OPEN BUG BOUNTY ID: OBB-576343,
UNIVERSITY OF AMSTERDAM, UVA.NL

MARCH, 2018

ACKNOWLEDGEMENT FOR XSS VIA HIDDEN INPUT FIELD - OPEN BUG BOUNTY ID: OBB-577367,
UNIVERSITY OF AMSTERDAM, UVA.NL

MARCH, 2018

ACKNOWLEDGEMENT FOR REFLECTED XSS, UTRECHT UNIVERSITY, UU.NL

FEB, 2018

GOOGLE INDIA CHALLENGE SCHOLARSHIP FOR ANDROID DEVELOPER VIA UDACITY, GOOGLE & UDACITY

PROJECTS

APRIL, 2018

PYTHON MALSHARE

Open Source library with complete implementation of the Malshare API and a command line toolkit to interact with it.

NOVEMBER, 2015

PSYCHOHASHER

An Open Source Java based tool to generate and verify hashes for text, files, and drives. It's a program which can compute the following hashes: MD5, SHA1, SHA-224, SHA-256, SHA-384 and SHA-512.

OCTOBER, 2015

ANDROID GESTURE CRACK

An Open Source Java tool to crack the Gesture Screenlock pattern of an Android Phone. Android's pattern lock contains a SHA1 hash of the pattern in a gesture.key file in /data/system folder in the internal memory of the android.

2014 - 2015

A HEURISTIC APPROACH TO FACTOID QUESTION GENERATION FROM SENTENCE, INTERNATIONAL JOURNAL FOR RESEARCH IN APPLIED SCIENCE & ENGINEERING TECHNOLOGY (IJRASET), JUNE 2015.

In this paper, the proposed system addresses the generation of factoid or WH-questions from sentences in a corpus consisting of factual, descriptive and unbiased details.

FEBRUARY, 2014

HASH ALGORITHM IDENTIFIER

An Open Source python tool to identify different Hash Function Algorithms. It currently identifies 160+ Hash Algorithms. Also has web service to use this tool in your apps.

INTERESTS

- Blogging – Technology Blog at Malc0de.org
- Travelling and Exploring
- Gym and Workouts

LANGUAGES

- English
- Hindi
- Bengali

REFERENCES

Available on Request.