



# Mrigendra Soni

 (+65) 8349 1077

 mrigendrasoni26@gmail.com



## Product Security Engineer

### Education

Amity University Rajasthan  
B.Tech. in Computer Science & Engg.  
2017-2021

- Graduated with a CGPA of 8.06 along-with a minor in Cyber Security
- Community Lead of Cyber Security Club
- Member of the Entrepreneurship Cell

### Experience

#### Product Security Engineer

Zendesk Singapore  
03/2022 - Present

- Leading penetrations tests on new functionalities, data-flow changes or new services in a cross-region environment (APAC/EMEA/AMER)
- Remediating bugs detected by Detectify and Snyk to improve security posture in the defined SLA
- Working closely with multiple engineering scrum teams for resolving bugs reported in Zendesk products
- Leading security engagements, performing threat modelling and architecture review exercises
- Assisting with scoping of engagements
- Addressing HackerOne bug reports until remediation

#### Security Researcher

Deriv Services Ltd. Malaysia  
12/2020 - 03/2022

- Conducting web application, network and mobile application penetration tests thus securing customer facing applications
- Leading the AWS and GCP Environment Audits
- Conducting source code reviews and managing internal security tools for monitoring purposes
- Participating in compliance audits for the organization
- Conducting monthly phishing exercises
- Managing organizations' bug bounty program
- Conducting security training for new and existing employees
- Continuously scanning and patching systems against vulnerabilities
- Collaborating with Engineering teams in improving security controls
- Evaluating and implementing additional tools as needed

#### R&D Intern

FireCompass Bangalore  
(Remote)  
07/2020 - 09/2020

- Researching about numerous CI-CD and industrial tools
- Discovering new dorks for CI-CD tools in order to integrate them in a major product of the company to increase its functionality

## Cyber Security Intern

StoryXpress

Gurugram

06/2019 - 07/2019

- Conducted pen-test on Web Application and API
- Working with the Development Team to fix the vulnerabilities reported

## iOS Application Pentesting Intern

Bulwark CyberX LLP

Jaipur

06/2018 - 07/2018

- Static security assessment based on the OWASP Top 10 guidelines for mobile
- Documentation of methodologies and Proof-of-Concept for future reference

## Member

Synack Red Team

Part-Time  
(Remote)

01/2021 - 09/2022

- Conducting web application and API pentests

## Skills and Abilities

- Web Application Pentesting
- Network Pentesting
- AWS Security Audits
- API Pentesting, OSINT
- Python, Bash
- Source code reviews
- Blockchain, EVM
- Solidity
- Problem Solving Skills
- Communication Skills

## Accomplishments

- Achieved Hall of Fame in Microsoft (MSRC) and various programs on Intigriti.
- Invited as a Speaker at Mozilla Rajasthan Launch Meetup
- Name published in NCIIPC quarterly newsletter (Oct '19) for reporting bugs to the India Government
- "Pro-Hacker" rank and National Rank: 47 and International Rank: 476 (2019-20) on HTB
- Received Hall-Of-Fame from DELL and reported bugs to organizations such as AngelList, StudyTonight and Charitism.

## Certifications

- Pentester Academy Cloud Security Professional (PACSP)
- eLearnSecurity Certified Professional Penetration Tester (eCPPT v2)
- PentesterLabs Certs (Unix, Essential, PCAP, Intercept, Android)
- Certified Ethical Hacker (Bulwark CyberX LLP)
- Web App Security Fundamentals (Cybrary)
- API Pentesting (HackersEra)
- Penetration Testing In Action (PluralSight)

## Interests

- Smart Contract Auditing (Beginner)
- Researching exploit scenarios

## Personal Projects

- [SolidityScanner](#)
  - Simple script to scan solidity files for bugs
- [ScanForMe](#)
  - ARP Protocol based live host scanner
- [ChangeMAC](#)
  - Python script to alter the MAC address of machine
- [Arpooof](#)
  - Implementation of ARP Spoofing attack

## Languages

- Hindi - Fluent
- English - Fluent

## Professional Tools

- Qualys VMDR
- CrowdStrike (EDR)
- Burp Suite
- Wazuh (SIEM)
- Postman
- Wiz
- Snyk
- Detectify
- GoPhish
- Metasploit