

Harsh Bothra

Application Security Engineer

Securing applications and infrastructure to make products and environments more robust and secure. Looking forward to work in an organization where I can input my creative methodologies and out of the box thinking & be a team player.



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📍 Noida, India

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github.com/harsh-bothra



www.harshbothra.tech

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medium.com/@hbothra22

EDUCATION

B.Tech - Computer Science & Engineering Amity University Rajasthan

08/2015 - 06/2019

8.12

Courses

- Minors in Management Studies
- Techninja Cyber Club Lead

INDUSTRIAL EXPERIENCE

Cyber Security Analyst Detox Technologies Pvt. Ltd.

08/2020 - Present

Noida, India

Achievements/Tasks

- Web Application & API Penetration Testing
- Internal & External Network Penetration Testing
- Threat Modeling - STRIDE/DREAD Risk Scoring
- AWS Cloud Configuration Review
- Reporting & Documentation
- Pentest Methodology Research & Implementation
- Knowledge & Content Creation (Penetration testing)
- Employee of the Month (September 2020)

Core Pentester Cobalt.io

11/2020 - Present

Freelance - Part Time

Remote

Achievements/Tasks

- Web Application & API Penetration Testing
- External Network Penetration Testing
- Internal Network Penetration Testing
- AWS Cloud Configuration Review
- Mobile Application Penetration Testing
- Report Rating: 5.0/5.0
- Publication of Multi-Factor Authentication Bypass Techniques Blog with Cobalt.io Publication
- Podcast Discussion around Multi-Factor Authentication Bypass

SKILLS

Penetration Testing

Web Application Security

Network, API & Thick Client Pentesting

Bash

Reconnaissance

Reporting

Threat Modelling

Cloud Config Review

Security Tools

Writing

Public Speaking

Presentation & Communication

AUTHOR

Mastering Hacking : The Art of Information Gathering & Scanning (2019)

- Rated 4 out of 5 on Amazon

Hacking : Be a Hacker with Ethics (2016)

- Recognized by NITTTR-Chandigarh & AICTE for List of Recommended Books

CVE-2020-24849

- Remote Code Execution in FruityWifi

CVE-2020-23868 & CVE-2020-23989

- Cross-Site Scripting in NeDi

Security Blogs - Findings, Tutorials & Reviews (04/2020 - Present)

- <https://hbothra22.medium.com/>
- Published multiple blogs with InfoSecWriteups Publication on Medium
- Published Blogs with Cobalt.io Publication

CERTIFICATIONS/RECOGNITIONS

eLearnSecurity Certified Profession Penetration Tester (eCPPT v2) (01/2021 - Present)

Credentials: 9276703

Certified Ethical Hacker v10 (07/2019 - 07/2022)

Speaker at C0c0n Bug Bounty Village & C0c0n Red Team Village

https://www.youtube.com/watch?v=XYrjexqahjY&list=PLYN5_MxRvV-fxPL90I-uebXQzQBxfIaY0&index=12&t=1200s

Security Talks Collection

https://www.youtube.com/playlist?list=PLYN5_MxRvV-fxPL90I-uebXQzQBxfIaY0

INDUSTRIAL EXPERIENCE

Security Engineer Security Innovation

08/2019 - 08/2020

Pune, India

Achievements/Tasks

- Web Application & API Penetration Testing
- Network Attack Simulation
- Thick Client Penetration Testing
- Threat Modeling & Cloud Configuration Review
- Reporting & Documentation and Reviewing

Synack Red Teamer Synack

04/2020 - Present

Security Researcher - Freelance Bugcrowd

02/2020 - Present

Achievements/Tasks

- Bugcrowd Top 150 Researchers Globally
- Bugcrowd MVP 2020 Q1
- Bugcrowd MVP 2020 Q2
- Bugcrowd P1 Warrior Level 4

VOLUNTEERING EXPERIENCE

OWASP - Bikaner (03/2019 - 03/2020)

Chapter Leader : Responsible for conducting OWASP Activities

OWASP - Jaipur (04/2016 - 08/2018)

Chapter Leader : Responsible for conducting OWASP Activities

CERTIFICATIONS/RECOGNITIONS

Speaker at GrayHat Conference - Red Team Village

https://www.youtube.com/watch?v=2BPr8dUbRc8&list=PLYn5_MxRvV-fxPL90l-uebXQzQBxfIaY0&index=14&t=395s

Speaker at Cyber Jun'gle - Red Team Village

<https://www.youtube.com/watch?v=ZnugWiOULmw&t=7s>

Speaker at Null Bhopal September Meetup

https://www.youtube.com/watch?v=mLi3qxxhLIA0&list=PLYn5_MxRvV-fxPL90l-uebXQzQBxfIaY0&index=10&t=1249s

Hall of Fames - Prezi, Convertkit, Transferwise, Xfinity , YNAB, Overstock, Jet.com and other 50+ Recognitions

Bugcrowd Profile: <https://www.bugcrowd.com/harshbothra>

Qualys Certified Specialist - Vulnerability Management (06/2019)

Unix, Essential, PCAP, White & Serialize Badge by Pentester Lab (07/2019)

Certified Information Security & Web Security Expert (2013 - 2016)

PROJECTS

Project Bheem

Project Bheem is a Bash based Script to Automate Scope Based Recon using Scope Based Recon Methodology by Harsh Bothra

LANGUAGES

English

Native or Bilingual Proficiency

Hindi

Native or Bilingual Proficiency

French

Elementary Proficiency