

NIKHIL BHANDARI

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Education

MIT World Peace University, Pune

2022 - 2024

- Branch: MCA | CGPA: **8.23**

IBSAR, Navi Mumbai

2019 - 2022

- Branch: BCA | CGPA: **9.04**

Experience

Internship at Center for Cyber Security Studies & Research

July 2024 – October 2024

- Participated in a hands-on digital forensics boot camp, gaining practical experience with tools like FTK Imager and Registry Explorer.
- Conducted vulnerability assessments using OpenVAS, Nmap, and Nessus.
- Attended expert sessions on cybersecurity topics, including MITRE ATT&CK Framework, ISO 27001, and AI in cybersecurity.
- Explored social engineering tactics and IT/OT convergence for critical infrastructure protection.

Skills

Hardware | Networking | Linux | Python | Web Application Pentesting | Application Security | Network Security | MySQL | Git | Burpsuite | Nessus | Nmap | Metasploit | Acunetix |

Certifications

Certified Ethical Hacker CEHv12

EC-Council

Cisco Cyber Ops Associate

CISCO

Cloud Security

Cloud Security Alliance

Certified Cyber Security Analyst

CyberWarefareLabs

Projects

Pwnagotchi

2024

Developed an AI-powered Wi-Fi hacking tool designed to learn and optimize attacks over time using machine learning algorithms.

Key features:

- Uses reinforcement learning to optimize and evolve Wi-Fi attack strategies, even offline.
- Displays status updates, attack statistics, and learning progress via an e-paper interface.
- Shares learning data to collectively enhance attack methods within the Pwnagotchi community.

Home Lab

2023

Created a virtualized cybersecurity testing environment using Kali Linux and Windows 10 virtual machines.

Key features:

- Configured Kali Linux and Windows 10 virtual machines for security testing and training purposes.
- Conducted penetration testing and vulnerability assessments in controlled environment.
- Improved practical skills in networking, Linux Administration, and ethical hacking techniques

Academic and Extracurricular Achievements

Mastercard Cybersecurity virtual experience program on Forage - December 2024

- Completed a job simulation where I served as an analyst on Mastercard's Security Awareness Team
- Helped identify and report security threats such as phishing
- Analyzed and identified which areas of the business needed more robust security training and implemented training courses and procedures for those teams

University 4th rank Throughout Bachelors'