

# RAVI PANDEY

Gujarat, India

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## EDUCATION

### Rashtriya Raksha University

*Msc Cyber Security & Digital Forensics - CGPA - 8.00*

2023 - 2025

Gandhinagar, India

### Gujarat University

*Bachelor in Computer Application - CGPA - 8.19*

2020 - 2023

Ahmedabad, India

## PROJECTS

### Nessus Vulnerability Assessment Project

2022

- Configured and managed Nessus scans to conduct vulnerability assessments on a vulnerable website.
- Analyzed scan results and prioritized vulnerabilities based on severity ratings.
- Generated comprehensive vulnerability assessment reports and recommended mitigation strategies.

### Python Based Port Scanner

2024

- Developed a multi-threaded Python port scanner capable of scanning specified ports on a target host (either single IP or CIDR notation.)
- Implemented options for verbose output, service detection using a predefined dictionary of common ports and services, and support for scanning multiple hosts within a network using CIDR notation.
- Designed with flexibility in port ranges and thread concurrency to optimize performance in network scanning tasks.

## INTERNSHIP

### The CyberHost

August 2023 – September 2023

*Android Pentesting*

Remote , India

- Worked on an Android app project, focusing on the AndroGoat application, identifying and exploiting multiple vulnerabilities.
- Conducted comprehensive security assessments and vulnerability analysis, resulting in a detailed report outlining findings and recommendations.
- Successfully bypassed SSL pinning mechanisms using tools like Drozer, Apktool, Frida, objection, and MobSF.

## TECHNICAL SKILLS

**Languages:** Python, Bash Scripting

**Tools:** Burp Suite,ZAP Proxy, Metasploit,Nmap,Mobsf,Postman,Caldera & Havoc C2 Framework.

**Penetration Testing:**Web Application , Android Application, API , OWASP TOP 10.

## VOLUNTEER WORK

### NCIIPC

March 2024 – April 2024

*Red Teamer*

New Delhi ,India

- Participated in an intensive red teaming exercise focusing on web, network, and client-side attacks , Engaged in executing a variety of attacks, providing detailed reports on vulnerabilities and security gaps , Gained invaluable experience in attack execution and report delivery, significantly advancing expertise in cybersecurity.

### Rashtriya Raksha University

*Cyber Volunteer Squad*

2024

Gandhinagar ,India

- Doing Work Related to I4C

## CERTIFICATIONS

• eJPTv2 (elearn Junior Penetration Tester) 

2024-2027

• ICCA (INE Certified Cloud Associate) 

2024-2027