

# RAVI PANDEY

Gujarat, India

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## SUMMARY

- Proficient in Static and Dynamic Security Testing (SAST, DAST) with hands-on experience in identifying and mitigating security vulnerabilities.
- Experienced with key security tools including Burp Suite Pro, ZAP Proxy, and Metasploit, enabling effective penetration testing and vulnerability assessment.
- Skilled in Python and Bash scripting, with the ability to automate tasks and develop custom solutions to enhance security and operational efficiency.

## 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 Penetration Testing ]

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 Frida, objection, and Using Varios Tools MobSF, Apktool,Drozer, Jadx-gui, Burpsuite.

## TECHNICAL SKILLS

**Languages:** Python, Bash Scripting

**Tools:** Burp Suite,ZAP Proxy, Metasploit,Nmap,Mobsf,Postman. Frida , Objection.

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

**Frameworks and Standard :** MITRE ATT&CK ,ISO 270001 , NIST .

## 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.

## CERTIFICATIONS

• eJPTv2 (elearn Junior Penetration Tester) 

**2024-2027**