

# AJVAD N

## Penetration Tester

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## PROFESSIONAL Summary

Motivated and detail-oriented Cybersecurity professional with foundational experience in threat detection, vulnerability assessment, and incident response. Hands-on skills in network monitoring, log analysis, and ethical hacking gained through internships and capture-the-flag (CTF) events. Proficient in tools like Wireshark, Burp Suite, Nmap, and Metasploit, with working knowledge of SIEM platforms and Linux environments. Completed multiple TryHackMe and PortSwigger labs demonstrating solid understanding of red teaming, reconnaissance, and web application security. Adept at identifying and exploiting vulnerabilities, crafting reports, and collaborating in team-based security operations. Eager to contribute to SOC teams, red teams, or pentesting projects in an entry-level role.

## Experience

### Cybersecurity Intern

June, 2025 - July, 2025

The Red Users – Internship, Remote

- Conducted vulnerability assessments on web applications using OWASP ZAP and Burp Suite
- Gained hands-on experience with real-world cyber threats and security practices

## Education

### Diploma in Computer Engineering

April, 2021-April,2024

Ma'din polytechnic College, Malappuram

- Gained expertise in software development, programming, database management, and system architecture. Developed a strong foundation in coding, debugging, and software lifecycle management, with hands-on experience in various programming languages and tools.

### Advanced Diploma in Cyber Defense

October, 2024-june,2025

Red Team Hacker Academy, Perinthalmanna

- Gained hands-on experience in penetration testing, vulnerability assessment, and network security.
- Worked with industry-standard tools like Nmap, Burp Suite, Wireshark, and password cracking utilities.
- Strengthened knowledge in real-world attack simulations, web application security, and defensive strategies.

## Projects

### VoiceGPT (Raspberry Pi 3B+)

- Integrated real-time AI chatbot functionality into a Raspberry Pi-based voice assistant.

### Deauther & Evil Twin Attack (ESP32/ESP8266)

- Developed a Wi-Fi deauthentication and phishing attack tool for security testing and research.

### Drooper (Social Engineering Tool)

- Designed an automated tool for generating and delivering stealthy file droppers with reverse shells, improving penetration testing efficiency.

### HID Attacks (ATtiny85)

- Programmed ATtiny microcontroller for HID-based attacks, simulating keyboard input to automate tasks like Wi-Fi password extraction and payload delivery.

## Certifications

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| • Certified Ethical Hacker V13 (CEH V13) – [EC-Council]              | 2025 |
| • Deloitte Australia Cyber job Simulation – Forge                    | 2025 |
| • Mastercard Cybersecurity job Simulation – Forge                    | 2025 |
| • Introduction to Critical Infrastructure protection                 | 2025 |
| • Advent of Cyber - Try Hack Me                                      | 2024 |
| • Artificial Intelligence and Machine Learning -Verdant IT Solutions | 2023 |
| • programming with Python 3.X - Skillup by Simplilearn               | 2021 |
| • UI,UX Workshop - Xanthorn e-solutions                              | 2023 |
| • C++ internship -Techmindz  | 2022 |

## LANGUAGES

- English
- Malayalam

# SKILLS

- Network Security & Monitoring (Wireshark, TCPDump)
  - Vulnerability Assessment & Penetration Testing (Nmap, Metasploit, Nikto)
  - Web Application Security (Burp Suite, OWASP Top 10)
  - Security Information and Event Management (SIEM) – Basic Knowledge (e.g., Splunk)
  - Log Analysis & Threat Detection
  - Social Engineering & Phishing Simulation
  - Reconnaissance and Enumeration Techniques
  - Capture The Flag (CTF) & TryHackMe Labs
  - Report Writing and Documentation
  - Familiarity with MITRE ATT&CK and Cyber Kill Chain
  - Linux and Windows System Fundamentals
  - Scripting Basics (Python)
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