

## SUMMARY

Highly motivated Certified Penetration Tester and Security Researcher with a proven track record in ethical hacking. Extensive experience in identifying and exploiting vulnerabilities, penetration testing, security consulting, and training others in ethical hacking methodologies. A passionate cybersecurity professional with a dedication to staying ahead of evolving threats and safeguarding systems.

## PROFESSIONAL EXPERIENCE

### Bug Bounty Hunting

Freelance | 2022- Present

- **TNEMIS:** Identified and reported various vulnerabilities in TN EMIS official web application, including IDOR, Authentication Bypass, OTP Bypass, Database vulnerabilities, and Broken Authentication.
- **Keltron Pvt Ltd.:** Identified a sensitive information disclosure vulnerability, potentially exposing confidential data.
- **Hindusthan Food Products:** Uncovered a weak password policy that could lead to the compromise of their surveillance system.
- **Nilgiri College:** Identified critical Remote Code Execution (RCE) vulnerability and potential sensitive data exposure on the official domain.
- **Badmintonsouq:** Identified potential account takeover vulnerability in Badmintonsouq's official website through Broken Logic Authentication (BOLA) and insecure 'Forgot Password' API interaction.

### Security & Welfare officer

Nilgiri College of Arts and Science | 2023

- Led security and transportation officer for College Teachers' Day celebration, ensuring a safe and enjoyable experience for all attendees. Appointed by the College MD and Principal.

### IT Security Educator

Nilgiri College of Arts and Science | 2022

- Designed and facilitated an Ethical Hacking Workshop for CS and Multimedia students and faculty, equipping them with the knowledge and skills to identify and mitigate security vulnerabilities.
- Delivered an introductory session on Ethical Hacking and Cybersecurity to first-year CS students, sparking their interest in the field. (Focuses on introducing the field)
- Presented a session on Ethical Hacking at Don Bosco College, Sulthan Bathery, Kerala, raising awareness amongst students and faculty about responsible hacking practices.
- Led an Awareness Session on Cybersecurity and Cyberbullying for the Women's Club, empowering members with the knowledge to protect themselves online.

## EDUCATION

### Red Team Hacker Academy

Certified Penetration Tester V3 2024

### Nilgiri College of Arts and Science

Bachelor of Science in Computer Science  
2022 – 2025

## CERTIFICATIONS

- **Red Team Hacker Academy**
  - Certified Penetration Tester V3
  - Certified Ethical Hacking Associate
  - Certified Ethical Hacker Jr
- **ZSecurity**
  - Bug Bounty Hunting & Web Security Testing
  - Ethical Hacking using the Cloud
- **Udemy**
  - Android Hacking
  - Mastering SSRF, SQL Injection, Authentication Vulnerabilities

## SKILLS

- Penetration Testing & Vulnerability Assessment
- Communication
- Leadership
- Red Teaming
- Database Security
- Network Security
- Cloud Computing

## ACHIEVEMENTS

- **College Excellence Award:** Awarded the Green Card (privileged card) by the College MD for outstanding performance.
- **CS Department Recognition:** Awarded 2 Green Cards and 10+ Blue Cards by the HOD for outstanding performance and achievements in the CS department.
- **CTF Competition Champion:** Won first place in the CTF competition organized by IG WMO College in both 2022 and 2024.
- **Paper Presentation:** Presented a paper on "AI and Cybersecurity" at an intercollegiate fest organized by Don Bosco College, Sulthan Bathery, Kerala.
- **Conference Presentation:** Presented a paper on "CCTV Hacking and Prevention" at the International Conference on LIST 2023 organized by Providence College for Women, Coonoor.

## TOOLS

- Burpsuite
- Postman
- Nmap
- Metasploit
- Aircrack-ng
- OWASP ZAP