

SANALNADH M KATTUNGAL

Penetration Tester | LinkedIn | TryHackMe | sanalnadhm@gmail.com | +91 9633624493

PROFESSIONAL SUMMARY

Cybersecurity professional with **2+ years of experience** and a strong interest in Ethical Hacking, **Vulnerability Analysis and Penetration Testing**. Hard-working, elegant, charismatic, and technical-minded individual. Possess exceptional customer service and communication skills with the strong ability to **multitask and resolve issues quickly**. Currently in a cybersecurity role where I continue to develop and learn new abilities while contributing to the overall success of the organization. I also possess:

- **Network** Penetration Testing
- **Wireless** Penetration Testing
- **Mobile** Application Penetration Testing
- **Technical Report Writing**
- **Web** Application Penetration Testing
- **API** Application Penetration Testing
- **Thick Client** Penetration Testing
- **OWASP Top 10**

COURSES & CERTIFICATIONS

- **Certified Ethical Hacker (CEH)**
- Network Engineering - Routing & Switching
- Practical Ethical Hacker (PEH)
- Cambridge Business English Certificate (BEC)

TECHNICAL SKILLS

- Network Tools: **Nmap, Metasploit, Nessus**, Netsparker, Clone System, **Wireshark**
- Network Protocols and Services: **TCP/IP, HTTP, FTP, DNS, SMTP, HTTPS**
- Web Tools: **BurpSuite professional, Acunetix, OWASP ZAP, SQLMap, FFUF**
- Mobile Tools: **MobSF, Frida**, Android Studio, **JADX, APKTool**, Genymotion
- Operating Systems: Windows, Arch and Debian Based **Linux Distributions**
- Wireless: **Aircrack-ng, Wifite**, Kismet, Wifiphisher
- Password Cracking: **Hydra, John the Ripper, Hashcat**
- Reporting and Documentation: **Microsoft Office Suite**, Obsidian, Mark down

ACADEMIC HISTORY

- **Bachelor's of Technology (B.Tech) in Computer Science and Engineering** 2017 Aug - 2021 July
Jyothi Engineering College, Cheruthuruthy. APJ Abdul Kalam Technological University
CGPA: 7.01. Thrissur, Kerala, India
- **Intermediate School in PCM with Computer Science** 2014 Aug - 2016 May
St. Aloysius Higher Secondary School, Elthuruth
Percentage: 70.00. Thrissur, Kerala, India
- **Secondary School** 2022 Jun - 2014 May
St. Joseph's English Medium Higher Secondary School, Eravu
Percentage: 78.00. Thrissur, Kerala, India

ACHIEVEMENTS & AWARDS

- Currently one of the **Top 1% Players in TryHackMe** hacking platform
- Engaged on 80+ security assessments and reported 150+ critical and high severity vulnerabilities
- Awarded as '**The Helping Hand of the Organization 2022**' from CEO of Valuemmentor Infosec
- Publication on 'Fall Detection and Alert System for Elderly Person using AI' in the year 2021
- Awarded as 'Best Team Player and Top Performer' from ICT Academy Calicut

WORK HISTORY

Penetration Tester/Security Analyst

2021 Oct - Present

Valuementor InfoSec Pvt Ltd. *Indheevaram, Infopark Koratty, Kerala*

- Conducted **penetration tests** for various clients to identify vulnerabilities in **systems, networks, and applications**
- Utilized **VAPT tools** such as **Nmap, Metasploit, Burp Suite, Nessus, and Nikto** to conduct vulnerability assessments
- Acquainted with various penetration testing approaches like **Black, Grey and White Box**
- Conducted **web application security assessments** to identify vulnerabilities in web applications
- Performed **ASV Scans** and **PCI DSS Compliance** checks
- Conduct **Segmentation tests** on client **PCI, Non-PCI** networks.
- Perform **Onsite and Offsite** engagements and Issue **CERT-In** for client web applications
- Conducted mobile application security assessments on Android platforms
- Generated comprehensive reports to **communicate findings** to stakeholders and **recommend remediation** actions
- Been an integral part of **Red Team Engagement** service starting phase
- Engaged on and delivered 70+ security assessment

Information Security Analyst - Intern

2021 Mar - 2021 Oct

NDimensionZ Solutions Pvt Ltd. *Smart City, Infopark Kochi, Kerala*

- Performed **penetration tests** for multiple clients to detect weaknesses in **internal networks, and applications**
- Employed VAPT tools like **Nmap, Metasploit, Burp Suite, and Nessus** to carry out vulnerability assessments
- Familiar with a range of penetration testing methods including Black, Grey, and White Box
- Conducted web app pentest on web apps operating on various platforms like **PHP, ASP.NET, and JavaScript**
- Acquire knowledge and enhance skills in diverse areas of cybersecurity and engage in **laboratory exercises**
- Create scripts and incorporate tools to perform security testing

PROJECT SUMMARY

Financial & Banking Client Companies

Dubai, Kuwait, Egypt, Bahrain

Main Project Features: **Web, Network & Mobile Penetration Testing**

Key Responsibilities:

- Performed penetration testing of core banking solution
- Conducted penetration tests from an insider threat perspective
- Performed penetration testing of Web and API applications
- Performed mobile application penetration testing

E-Commerce & Hospital Client Companies

United Kingdom, Abu Dhabi, India

Main Project Features: **Penetration Testing, Secure Code Review, Breach Investigation**

Key Responsibilities:

- Conducted penetration testing of e-commerce web applications
- Performed external network penetration testing
- Performed penetration testing of mobile applications
- Conducted source code review of applications

Projects for Indian Government

States of India

Main Project Features: **Network, Web, API and Mobile Application VAPT**

Key Responsibilities:

- Performed onsite and offsite security assessments
- Conducted internal and external network penetration testing
- Conducted Web application penetration testing
- Conducted API application penetration testing
- Performed Mobile application penetration testing