LEELA SRINIVAS ATLA

Cybersecurity Lead | Penetration Tester | Security Researcher

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PROFESSIONAL SUMMARY

Cybersecurity professional with 2+ years of hands-on experience in Penetration Testing, Red Teaming, SOC Operations, Digital Forensics, Vulnerability Management, and Security Tool Development. Proven expertise in identifying critical security vulnerabilities across web applications, network infrastructure, and API environments. Successfully delivered cybersecurity workshops at prestigious institutions including IIT Madras, IIT Kharagpur, and IIT Tirupati. Recognized for discovering security vulnerabilities through bug bounty programs in Fortune 500 companies and conducting comprehensive security audits of AI-based tools. Specialized in both offensive security testing and defensive security operations with strong knowledge of secure coding practices, threat intelligence analysis, and regulatory compliance frameworks including ISO 27001 and CMMC 2.0.

PROFESSIONAL EXPERIENCE

Penetration Tester
Sithafal Technologies Pvt. Ltd., Tirupati

Sep 2023 – Present

- Lead comprehensive VAPT (Vulnerability Assessment and Penetration Testing) engagements across internal networks, external networks, web applications, APIs, and mobile platforms
- Conduct advanced red teaming exercises and threat emulation scenarios to assess organizational security posture
- Developed critical security tools including AmIExposed for data breach discovery, Vulnerability Alert Tool for CVE mapping, and Geo-Location Tracker for law enforcement investigations
- Currently building enterprise-grade phishing simulation platform and secure email gateway solutions
- Execute phishing simulation campaigns and deliver secure coding training programs based on SANS Top 25 vulnerabilities
- Perform security assessments of cloud infrastructure, firewall configurations, and network security controls

Security Researcher
Sithafal Technologies Pvt. Ltd., Tirupati

Jun 2023 – Sep 2023

- Executed manual and automated application security assessments using industry-standard methodologies
- Provided detailed vulnerability assessment reports with comprehensive remediation strategies
- Participated in client security walkthroughs and technical consultation sessions
- Contributed to Security Operations Center (SOC) activities including log analysis and incident response
- Conducted threat hunting activities and security monitoring using SIEM platforms

Freelance Subject Matter Expert - Cybersecurity
Chegg Inc. (Remote)

Jan 2023 – Apr 2023

- Solved complex real-time cybersecurity problems for international students and professionals
- Provided detailed technical explanations on cryptography, encryption algorithms, risk analysis methodologies, and secure system design
- Delivered expert guidance on information security concepts, network security protocols, and security frameworks

Scientific Assistant (Intern)
Andhra Pradesh Police – Forensic Science Laboratory (APFSL)

Nov 2022 – Jan 2023

- Assisted in digital forensic investigations and evidence analysis for cybercrime cases
- Utilized professional forensic tools including FTK, EnCase, Autopsy, Cellebrite, and Wireshark for evidence extraction and analysis
- Maintained proper chain-of-custody documentation and prepared detailed forensic investigation reports
- Supported law enforcement agencies with technical expertise in digital evidence handling

KEY ACHIEVEMENTS

- Successfully identified and reported critical security vulnerabilities through bug bounty programs in multiple Fortune 500 companies
- Delivered comprehensive cybersecurity workshops and training sessions at IIT Madras, IIT Kharagpur, and IIT Tirupati
- Designed and developed proprietary security tools currently used in live forensic investigations and VAPT assessments
- Conducted security audits of AI-based applications and tools, identifying data privacy and security vulnerabilities
- Contributed to organizational security posture improvement through advanced penetration testing and red team exercises

TECHNICAL SKILLS

Penetration Testing & Security Assessment:

Burp Suite Professional, OWASP ZAP, Metasploit Framework, Kali Linux, Nessus, Acunetix, OpenVAS

Network Security & Analysis:

Nmap, Wireshark, Hydra, SQLMap, Netcat, Ncat, Network Penetration Testing

SIEM & Security Monitoring:

Splunk, Wazuh, Graylog, ElasticSearch, Kibana, Log Analysis, Threat Hunting

Digital Forensics & Investigation:

EnCase, FTK (Forensic Toolkit), Autopsy, Cellebrite, Digital Evidence Analysis

API & Mobile Security Testing:

Postman, MobSF (Mobile Security Framework), Drozer, API Security Assessment

Scripting & Automation:

Python, Bash Scripting, Shell Scripting, Security Tool Development, Automation

GRC & Compliance:

ISO 27001, CMMC 2.0, Risk Assessment, Configuration Review, Compliance Auditing

Cloud & Infrastructure Security:

Microsoft Azure, Amazon Web Services (AWS), Firewall Policy Audits, Cloud Security Assessment

Security Awareness & Training:

SANS Top 25 Secure Coding, Email Phishing Simulations, Security Training Development

EDUCATION

Bachelor of Science in Forensic Science

Parul University, Gujarat

2020 – 2023 | CGPA: 7.5/10 | Major: Cyber/Digital Forensics

Higher Secondary Education (Intermediate)

Narayana Junior College, Tirupati

CGPA: 9.2/10

Secondary School Education (10th Grade)

Silver Bells Central School, Tirupati (CBSE Board)

CGPA: 8.8/10

Declaration: I hereby declare that all the information provided above is true and accurate to the best of my knowledge and belief.