

JEWELL LUKE SAJI

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PROFESSIONAL SUMMARY

Certified cybersecurity professional with hands-on expertise in Vulnerability Assessment and Penetration Testing (VAPT). Specializes in host based pentest & auditing and web application security testing, OWASP Top 10 vulnerabilities, and offensive security methodologies. Seeking to leverage technical skills and certifications in a VAPT role to identify and remediate security vulnerabilities.

EDUCATION

- **Bachelor of Science in Digital and Cyber Forensics**
Rathinam College of Arts and Science | Coimbatore, Tamil Nadu, India
Expected Graduation: May 2026 | Current: Third Year

CERTIFICATIONS

- **eLearnSecurity Junior Penetration Tester (eJPT)** - INE
- **Ethical Hacking Associate** - RedTeam Hackers Academy
- **Web Application Penetration Testing** - TryHackMe
- **Junior Penetration Tester Learning Path** - TryHackMe
- **Penetration Testing 2025** - IT Masters
- **CISCO Networking Basics** - Cisco
- **Practical WebApp Security & Testing** - The Taggart Institute
- **OWASP API TOP 10** - APISEC

EXPERIENCE

Cybersecurity Intern | *Ozone CyberSecurity* | [Duration: 1 Month]

- Gained hands-on experience in network security assessment and OWASP Top 10 vulnerability testing
- Participated in vulnerability assessment projects under senior security professionals
- Developed practical knowledge of penetration testing methodologies and security frameworks

Cybersecurity Intern & VAPT consultant | *Raise Smart* | [Duration: 12 Months]

Completed a year-long internship with Raise Smart, where I conducted VAPT audits for their clients and several startup companies through my college. Worked on identifying security vulnerabilities, assessing risks, and providing remediation recommendations to improve overall security posture.

PORTFOLIO & PROJECT WORKS

TryHackMe

- Completed 250+ cybersecurity challenges focusing on penetration testing and vulnerability assessment
- Achieved Top 1% ranking demonstrating exceptional practical security skills
- Specialized in web application security, network penetration, and CTF-style challenges

HackTheBox

- Successfully compromised multiple target systems through ethical hacking methodologies
- Specialized in web application exploits and network penetration techniques & reached hacker rank
- Enhanced expertise in OWASP Top 10 vulnerabilities and exploit development

Custom Reconnaissance Automation Tool

- Developed Python-based automation tool for penetration testing reconnaissance
- Features: Automated host scanning, directory enumeration, subdomain discovery
- Includes SMB and LDAP service enumeration for comprehensive target assessment
- Reduces manual testing time by 60% while improving accuracy

Chess Based File Encryption

- Designed a custom encryption system where chess move sequences are used to generate key, replacing traditional symmetric key generation methods
- Implemented a move-to-key derivation mechanism that converts algebraic chess notation into deterministic binary data and hashes it into various
- Enhanced security by incorporating KDF (SHA-256/HKDF) to harden chess-move sequences against guessing attacks

SKILLS

TECHNICAL SKILLS

Vulnerability Assessment & Penetration Testing:

- **Network Penetration Testing**
- **Web Application Security Testing**
- **Host-based Security Assessment**
- **OWASP Top 10 Vulnerability Assessment**
- **Security Testing Methodologies (OWASP, NIST, PTES)**
- **Security Assessment Tools**
- **Understanding of Networking Concepts**

NON-TECHNICAL SKILLS

- **Problem Solving**
- **Critical Thinking**
- **Attention to Detail**
- **Communication**

LANGUAGES KNOWN

- English (s,r,w)
- Malayalam (s,r,w)
- Tamil (s)