

JEWELL LUKE SAJI

Email: jewellsaji66@gmail.com | Phone: +91-9747209198 | LinkedIn: <https://in.linkedin.com/in/jewell-luke-saji> | TryHackMe: www.tryhackme.com/p/jewell

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 keys, 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)