Ronit Rai

Junior Cybersecurity Engineer — SOC Analyst — Digital Forensics

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Professional Summary

An Entry-level cybersecurity professional with hands-on experience in SOC operations, web security testing, and digital forensics. Strong practical background in OWASP Top 10, network enumeration, and security automation.

Technical Skills

Security: SOC Monitoring, Incident Response, Vulnerability Assessment, Threat Hunting, Digital Forensics
Tools: Kali Linux, Nmap, Burp Suite, Wireshark, Metasploit, Autopsy, Volatility
Programming: Python, Bash, SQL, JavaScript, C/C++
Concepts: OWASP Top 10, SIEM Logs, Network IDS, Malware Analysis, SSL/TLS

Experience

Cybersecurity Intern — Nuexus Technologies   2025
- Performed network reconnaissance, vulnerability scanning, and basic penetration testing.
- Built Python-based port and service scanners to automate security assessments.
- Analyzed scan results and documented security findings with remediation steps.

Security Intern — Developers Hub Corporation   2025
- Tested web applications against OWASP Top 10 vulnerabilities.
- Identified SQL Injection, XSS, authentication flaws, and insecure configurations.
- Assisted in secure coding reviews and vulnerability reporting.

Digital Forensics Intern — Cyborts   2025
- Conducted disk and memory forensics using Autopsy and Volatility.
- Investigated deleted files, timeline artifacts, and system logs.
- Prepared forensic reports following evidence-handling procedures.

Key Projects

Web Vulnerability Scanner — Python, Flask
- Developed an automated scanner to detect OWASP Top 10 vulnerabilities.
- Implemented detection for SQLi, XSS, CSRF, missing security headers, and SSL issues.
- Generated severity-based reports in JSON and HTML formats.

Threat Intelligence Hub — Python, Machine Learning
- Built an ML-powered threat detection system for network and log analysis.
- Used Isolation Forest and Autoencoders for anomaly-based intrusion detection.
- Visualized alerts and incidents through a centralized dashboard.

Image Manipulation Detection Platform — Deep Learning
- Developed a forensic platform to detect manipulated digital images.
- Used ResNet50 for classification and DeepLabV3+ for tamper localization.

Education

BS Computer Science
Sukkur IBA University   2022 – 2026 (Expected)

Certifications

Google Cybersecurity Professional Certificate (2025)
Google Cloud Security Certificate (2025)