SAJJIT SOTI

Cybersecurity Engineer | SOC & Detection Engineering · Penetration Testing · Cloud Security

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Available immediately for a 6-month end-of-studies internship · EPITA internship agreement in hand

PROFESSIONAL SUMMARY

Final-year Cybersecurity M.Sc. student at EPITA Paris who works across offensive and defensive security. Led a grey-box penetration test that chained 14 vulnerabilities into remote code execution and full database compromise. Built a Security Operations Centre on Wazuh and the ELK Stack, wrote its detection rules, then ran four red-team attacks against it to prove they fired. Hardened a live multi-tenant SaaS platform for a paying client to an A+ security-headers rating, and automated deployment pipelines professionally. Every project is documented as a written case study at sajjitsoti.com.np.

TECHNICAL SKILLS

Security Operations & Detection: Wazuh, ELK Stack (SIEM), Apache Kafka; detection rule writing, log correlation and threat intelligence enrichment, alert triage, incident response, monitoring and alerting

Offensive Security: Penetration testing, vulnerability assessment, web application security (SQL injection, RCE, file upload and session flaws), Burp Suite, Metasploit, Nmap, Wireshark, OSINT (Maltego)

Cloud & Identity Security: AWS (EC2, S3, IAM, WAF, Cognito), Terraform, Docker, CI/CD pipelines, Okta (SSO, MFA), RBAC and least privilege, security headers (CSP, HSTS), infrastructure hardening, disaster recovery

Governance, Risk & Compliance (GRC): ISO/IEC 27001 control mapping, NIST CSF 2.0, IT risk assessment, security policy design, compliance documentation, security awareness training

Development & Tools: Python, Bash, SQL, JavaScript, React, Next.js, PostgreSQL (Row-Level Security), Linux, Git and GitHub, technical documentation

PROFESSIONAL EXPERIENCE

Freelance Full-Stack Developer | Uply - bilingual supply-management SaaS, in production (French client) *Apr 2026 - Present*

- Hardened a live multi-tenant SaaS platform to an A+ security-headers rating (CSP, HSTS, X-Frame-Options), and set up a staging-first workflow for shipping ongoing client changes safely
- Designed a PostgreSQL schema with Row-Level Security enforcing strict tenant isolation, and built the React/Vite frontend and role-based admin and client interfaces end to end for a paying client

Project Manager | Eydean Inc, Nepal *Sep 2023 - Aug 2024*

- Designed and maintained Python deployment automation and CI/CD pipelines for cloud infrastructure, removing manual steps and enabling continuous, repeatable delivery of production resources

IT Consultant | Kathmandu Metropolitan City, Nepal *Nov 2022 - Aug 2023*

- Delivered incident response and security-awareness training to over 50 users, covering threat detection, data protection policy, network protocols and escalation procedures

KEY PROJECTS

Web Application Penetration Test | *Burp Suite, SQL injection, RCE; team of 4:* Grey-box engagement chaining 14 vulnerabilities, from unsigned cookies and unrestricted file upload through SQL injection, into remote code execution and full database compromise, delivered with a written remediation report.

SOC & Observability Platform | *Wazuh SIEM, ELK Stack:* Deployed a cloud SOC and ran four live red-team attacks against it, including a custom detection rule that caught SSH username enumeration on the first attempt; full metrics, logs, tracing and alerting with automated response playbooks.

Self-Healing Cloud Auditor | *AWS, Terraform, Python:* 24/7 automated auditor detecting and auto-remediating AWS infrastructure risks in real time, including instant deletion of exposed firewall rules and over-privileged IAM policies.

EDUCATION

M.Sc. Computer Science - Cybersecurity | EPITA, Paris, France *Expected 2027*

B.Sc. (Hons) Computing | Islington College, Nepal *2021*

Core areas: cybersecurity governance, SOC operations, cloud security, penetration testing, SRE, IAM, DevOps.

LANGUAGES

English (fluent, professional working proficiency) · French (B1, improving) · Nepali (native) · Hindi (conversational)