

RONAK BAJRACHARYA

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SUMMARY

Dynamic cybersecurity professional with hands-on experience, excelling in security assessments and vulnerability testing. Proficient in Linux and network monitoring, I thrive in collaborative environments, driving impactful research on emerging threats. Passionate about enhancing security measures.

SKILL HIGHLIGHTS

- Linux proficiency
- Network monitoring
- Security assessments
- Cryptography
- Vulnerability testing
- Digital Forensics

EXPERIENCE

Associate Security Research Analyst

12/2024 to 06/2025

SecurityPal AI

Kathmandu

- Conducted in-depth security assessments and risk analyses to identify vulnerabilities across client environments.
- Researched and documented emerging threats, including cloud misconfigurations.
- Collaborated with cross-functional teams to ensure accuracy of research results.
- Analyzed trends in cybersecurity threats and vulnerabilities.

Cybersecurity Intern

08/2024 to 10/2024

Centre for Sustainable Development Studies

Kathmandu

- Helped in the VAPT test of websites and web applications
- Carried out research for automation and QA testing of web applications
- Assisted in monitoring network security for potential threats and vulnerabilities.

EDUCATION

BSC.(HONS): ETHICAL HACKING AND CYBER SECURITY

01/2024

Softwarica College of IT and E-commerce

Dillibazar

PROJECTS

QUANTUM RESISTANT CRYPTOGRAPHIC MEASURES, Researched and developed a prototype cryptographic system using quantum resistant cryptographic key exchange protocol in order to protect sensitive information from quantum-based attacks.

NETWORK ARCHITECTURE DEVELOPMENT, Designed and developed prototype network architecture for a connection between two different networks utilizing various routing protocols and VPN with major focus on data security.

MALWARE ANALYSIS AND EXPLOIT DEVELOPMENT, Statically and dynamically analyzed malwares for its various components and applied mitigation measures. Inversely found vulnerabilities in an application and developed exploits for the vulnerability.

CERTIFICATIONS AND ACHIEVEMENTS

- Crime Investigation and Analysis
- Certified in Cybersecurity (CC) - February 27, 2025

ACTIVITIES AND HONORS

- Multiple CTF events including KU CTF 2024, INTIGRITI CTF 2024, L34K CTF 2025 and many more.