ANKIT KAYASTHA

Security Analyst

✉ kayasthaankit91@gmai.com   ☎ +977-9861306060   🌐 *www.ankitkayastha.com.np*

Country of Residence: Nepal   *Linkedin : Ankit Kayastha*

Dedicated and highly motivated individual seeking career in cybersecurity to leverage technical skills and educational background.

Experience

Code Rush Pvt Ltd.   *Dec 2023 - July 2024*
Cloud Security Engineering Apprenticeship

- Familiarized with user and group management, security hardening and shell scripting in Linux operating systems.
- Gained strong understanding of networking principles, crucial for identifying and mitigating network vulnerabilities.
- Gained hands-on experience in developing secure web application hosted on AWS.
- Utilized AWS services to design and deploy secure cloud architectures, improving system reliability and security.
- Leveraged understanding of OWASP Top 10 and pentesting fundamentals to improve application security and identify vulnerabilities.

Education

Bachelors in Computer Engineering
Khwopa College of Engineering, Tribhuvan University   *2019-2024*

Certification

- **CompTIA Security+ (July 2024 - July 2027)**
- **AWS Certified Cloud Practitioner (Feb 2024 - Feb 2027)**
- **AWS Certified Security Specialty (July 2024 - July 2027)**

Skills

- **Networking Protocols :** OSI, TCP/IP, UDP, DNS, FTP, SSH, SSL/TLS, HTTP
- **Network security:** Strong knowledge of phishing, malware identification, hashing, encryption.
- **Security Tools:** Familiar with IDS/IPS, firewalls, vulnerability scanners
- **Operating Systems:** Familiar with Windows, Linux, and macOS environments
- **Security Analysis & Penetration Testing:** Proficient in Metasploit, Nessus, and Burp Suite.
- **Programming Languages:** Knowledgeable in Python, C++, JavaScript, Bash
- **Cloud Platform:** AWS
- **Cloud security:** AWS IAM, KMS, CloudTrail, CloudWatch, Config, GuardDuty, Security Hub
- **Documentation:** Proficient in documenting security incidents and procedures
- **Collaboration:** Ability to work with cross-functional teams to resolve security issues

Projects

Application of Machine Learning Algorithm in Python to solve traffic surveillance problems:

- Vehicle Speed Estimation
- Smart Parking Management System
- Password Strength Evaluator

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