

Nischal Pariyar

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Passionate about advancing cybersecurity through innovation and research. Skilled in identifying vulnerabilities, designing secure cloud architectures, and mitigating advanced threats. Holds certifications that validate expertise in securing cloud environments while adhering to industry best practices and compliance standards.

Education

Amrit Campus, Tribhuvan University
Bsc. Computer Science and Information Technology

Nov 2019 – Aug 2024

Experience

Cloud Security Engineer
Apprentice

Lalitpur
Dec 2023 – Jul 2024

- **Cloud Architecture and AWS Proficiency:** Designed and deployed automated security compliance frameworks using Infrastructure as Code (IaC), ensuring 100% adherence to industry standards across AWS and Azure platforms.
- **Hands-On Security :** Explored OWASP Top 10 vulnerabilities through practical exercises, identifying and remediating risks such as SQL injection, cross-site scripting (XSS), and insecure configurations.
- **Cloud Security Implementation:** Strengthened cloud security by developing IAM policies, applying encryption best practices (AWS KMS, TLS), and mitigating threats to ensure compliance with frameworks like GDPR and PCI DSS.
- **Hands-On Security and Threat Assessment:** Conducted cloud vulnerability assessments, identified potential risks, and applied industry-standard threat mitigation strategies to safeguard cloud-based systems.
- **Certification-Driven Expertise:** Prepared for industry-recognized certifications (AWS Cloud Practitioner, AWS Security Specialty, CompTIA Security+), validating knowledge in cloud computing, security, and network management.

Cloud Support Engineer
Intern

NewRoad, Kathmandu
June 2023 – Sep 2024

- **Cloud Infrastructure Management:** Provided technical support and resolved issues related to cloud services, including compute, storage, networking, and identity management, ensuring high availability and performance of cloud environments.
- **Troubleshooting and Incident Resolution:** Diagnosed and resolved complex technical issues in cloud environments, leveraging tools and best practices to minimize downtime and optimize system performance.
- **AWS Certified Cloud Practitioner:** Successfully earned the AWS Certified Cloud Practitioner certification, demonstrating foundational knowledge of AWS services, cloud concepts, and best practices for cloud deployment and management.

Certifications

- **AWS Certified Security - Specialty** 08/2024
Amazon Web Services (AWS)
- **compTIA Security+(SY0-701)** 07/2024
compTIA
- **AWS Certified Cloud Practitioner** 07/2023
Amazon Web Services (AWS)