



# Nilaa Maharjan

## Cyber Security Engineer

### Contact

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[LinkedIn](#) [GitHub](#) [Website](#)

### Profile

Cybersecurity professional with 5+ years of experience in security analytics, incident response, and malware detection. Holds multiple certifications, including ISO 27001:2022 Lead Auditor, CEH, and Blue Team Level 1, and a Master's in Cybersecurity. Seeking roles as Cybersecurity Analyst, Security Researcher, SOC, or Incident Responder.

### Skills

#### PROGRAMMING LANGUAGES

**Experienced:** Python | Bash **Familiar:** HCL | YAML | PowerShell | BASH

#### CYBERSECURITY & SECURITY ANALYTICS

SOC Operations | SIEM (Splunk, LogPoint, ELK) | Threat Hunting | Incident Response

#### FRAMEWORKS & TOOLS

MITRE ATT&CK | Nessus | Wireshark | Burp Suite | OSINT

#### OFFENSIVE SECURITY

Penetration Testing | Bug Bounty | Web Application Security

#### DEFENSIVE SECURITY

Digital Forensics | Endpoint Security | Firewalls (F5, Fortinet) | Cloud Security

#### NETWORKING & ADMIN

CCNA | Customer Success | JIRA | Azure Devops

#### LANGUAGES

Native: Nepal Bhasa | Nepali  
Fluent: English (C1) | Hindi (C1)  
Beginner: German (A2)

### Extra

Lichess: Bullet Elo: 1900, Blitz Elo: 1700  
Online store selling artworks: Decorathi  
Chairman of the local volunteering branch: Rural First Responders - World Vision International

## Experience

### WORKING STUDENT AS SECURITY ANALYTICS ENGINEER (PART TIME)

06/2023-02/2025

SCHWARZ IT KG, HEILBRONN, GERMANY

- Optimized threat detection capabilities and developed use cases with organizational threat models with Splunk and SentinelOne.
- Developed an in-house macro detection tool with SIEM integration.
- Created infrastructure automation with Terraform, Ansible, and Azure DevSecOps for an on-demand malware analysis lab.

### ASSOCIATE SECURITY ANALYTICS ENGINEER (FULL TIME)

02/2022-03/2024

LOGPOINT PVT. LTD, LALITPUR, NEPAL

- Analyzed TTPs and created detailed reports and detection rules for APTs, malware and CVEs.
- Created log normalization packages for various vendors.
- Led Emerging Threat Protection Services and published blogs, papers and reports. Available from:

### APPLICATION SECURITY ENGINEER (FULL TIME)

08/2020-11/2021

DIGITAL NETWORK SOLUTIONS, KATHMANDU, NEPAL

- Planned and implemented network design and architecture for mid to large and governmental organizations.
- Provided technical and customer support for F5 BIG-IP, GSLB, Cloudflare, Nutanix, and VMWare.

### INFORMATION SECURITY ANALYST (PROJECT)

01/2020-02/2020

NCELL PVT. LTD, KATHMANDU, NEPAL

- Tested internal and external web portals for bugs, issues, and vulnerabilities and reported them to responsible teams.
- Localized, set up, and ran Minimum Baseline Security Standard(MBSS) checks as provided by the acquired company.

### WEB SECURITY RESEARCHER INTERN (FULL TIME)

08/2019-11/2019

EMINENCE WAYS, KATHMANDU, NEPAL

- Created reports, Proof of Concepts (PoCs), and attack scenarios with NIST and OWASP-recommended methodologies.
- Ran penetration tests on client architecture and reported findings.

## Education

### MSC. CYBERSECURITY

2023-ongoing

Universität Des Saarlandes, Saarbrücken, Germany

Thesis: SOK: Phishing for Standards: A Systematic Review of Social Engineering Measurement Frameworks

### BSC. NETWORKING AND IT SECURITY

2017-2020

London Metropolitan University, London, United Kingdom

Thesis: Web based Anomaly Detection System using Machine Learning.

## Certifications

ISO/IEC 27001:2022 LEAD AUDITOR	04/2025
CERTIFIED NETWORK SECURITY PRACTITIONER	06/2024
CLOUDFLARE ACCREDITED SERVICE ARCHITECT	05/2023
BLUE TEAM LEVEL 1	01/2022
CERTIFIED ETHICAL HACKER v12	12/2021
ICSI   CNSS CERTIFIED NETWORK SPECIALIST	05/2020
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