

# DAVID BUDHA MAGAR

## Student

Thamel, Kathmandu, Nepal

9847825017, davidbudha17@gmail.com

 [www.linkedin.com/in/david-budha-magar-2a601b26a](https://www.linkedin.com/in/david-budha-magar-2a601b26a)

 [www.davidbudhamagar.com.np](http://www.davidbudhamagar.com.np)

## PROFILE

Motivated and enthusiastic IT professional with a solid background in computer networking and cybersecurity, supported by real-world experience in social media threat monitoring, web application security, and developing security frameworks. Passionate about Network Security, SOC operations, and Cloud Security. Skilled in detecting and responding to cyber threats, building intrusion detection systems, and automating tasks using Python and Linux. Eager to contribute to innovative security initiatives and continuously grow technical expertise.

## Work Experience

### SMET

Vairav Technology

March-2025- Present

- Monitored and managed multiple social media accounts to identify suspicious behavior, security threats, and fake profiles.
- Collaborated with takedown teams to analyze threat patterns and assist in the removal of malicious content and accounts.

### Security Specialist Intern

Mero Solutions

Dec-2024-Feb-2025

- Web application testing.
- Creating Security framework.

### SMET Intern

Vairav Technology

June-2024-Dec-2025

- Creating and managing multiple social media profiles across various platforms and monitoring those profiles for suspicious activities and potential security threats.
- Collecting and analysing data to identify patterns and trends in social media behaviour.
- Collaborating with the takedown team to report and discern issues.
- Identifying and reporting fake or malicious social media profiles.
- Assist in the removal of harmful content and accounts.

## Education

### BSc(Hons) Computer Networking and IT Security

2022-2025

Islington College

London Metropolitan University

### HSEB (+2 in Management)

2015-2017

Mount View EnglishBoarding School, Dang

### SLC

2015

Annapurna Secondary BoardingSchool, Dang

## Certifications

### EC-Council Introduction to Cybersecurity

2024

A comprehensive dive into the world of cybersecurity for beginners and intermediate learners.

<https://codered.eccouncil.org/certificate/2bee94f4-453f-4f70-b983-52c6b2baaa69?logged=true>

### EC-Council Deep Dive into the World of Malware

2024

Explore modern malware families and techniques and learn how they are used in the "real world".

<https://codered.eccouncil.org/certificate/55dff3ec-702f-4db9-bee0-90dbca3ff040?logged=true>

### AWS Academy Cloud Operations

2024

A detailed overview of daily operations in the AWS Cloud, including the installation, configuration, automation, monitoring, security, maintenance, and troubleshooting of AWS services, networks, and systems to support business applications.

[https://www.credly.com/badges/e92da50e-80e9-408e-9604-b6ca67c34f3f/public\\_url](https://www.credly.com/badges/e92da50e-80e9-408e-9604-b6ca67c34f3f/public_url)

---

## AWS Academy Data Center Technician

2024

Description of topics related to managing and maintaining data centers that support AWS services

[https://www.credly.com/badges/c216488c-4247-47e8-a906-ed089e89f6fe/public\\_url](https://www.credly.com/badges/c216488c-4247-47e8-a906-ed089e89f6fe/public_url)

2024

## AWS Academy Cloud Foundations

A detailed overview of cloud concepts, AWS core services, security, architecture, pricing, and support.

[https://www.credly.com/badges/471a53fa-6ad5-488d-aae7-01e7e2a659be/public\\_url](https://www.credly.com/badges/471a53fa-6ad5-488d-aae7-01e7e2a659be/public_url)

## AWS Academy CloudSecurity Foundations

2024

Detailed description of the identity & access management features, secure networks to access resources, data encryption, monitoring, and incident response.

[https://www.credly.com/badges/1b3507d9-44c6-49bd-a16d-e548683e10e0/public\\_url](https://www.credly.com/badges/1b3507d9-44c6-49bd-a16d-e548683e10e0/public_url)

---

## Academic project

- **Research on Risk Management and Control:**  
Conducted an in-depth research on risk management and control using NVIDIA data breach as a case study.
- **SQL Injection Attack simulation and prevention.**  
Conducted an SQL injection attack to identify vulnerabilities and implemented comprehensive security measures to prevent such attacks.
- **Creation of cryptographic algorithm to enhance the security of ciphertext.**  
Developed a robust cryptographic algorithm by combining different ciphers to enhance the security of ciphertext.
- **LPG Gas Detection and Monitoring System.**  
Developed an LPG gas detection and monitoring system using NodeMCU as the microcontroller.
- **Signature-Based Intrusion Detection System**  
Built a real-time, web-based Signature-Based IDS using Python, Flask, and Scapy with integrated threat intelligence APIs (AbuseIPDB, AlienVault OTX, MalwareBazaar), email alerts, and automated IP blocking.

---

## Skills

- Problem-solving
- Multitasking
- Teamwork and Collaboration
- Troubleshooting
- Communication
- Analytical Skill

## Technical Skills

- Networking Fundamentals
- Python basics
- Java basics
- Linux
- SIEM Fundamentals
- MS-Word
- Ms-Excel

---

## Achievements

- 2nd degree Black Belt
- 5th Mt. Everest International Karate Championship 2019 3rd Place.
- 4th Mt. Everest International Karate Championship 2018 2nd Place.

---

## References

Vairav Technology

Sales and Marketing

**Sadina Khadka**



sadina@vairavtech.com