



Manita Dahal

Nationality: Nepalese **Date of birth:** 23/05/2000 **Gender:** Female

Phone number: (+977) 9843618636

Email address: manitadahal21@gmail.com

Website: <https://manitadahal.com.np/>

Home: Biratnagar - 03, Morang, (Nepal)

ABOUT ME

An Electronics and Communication Engineering graduate with two years of professional experience at Logpoint, a multinational SIEM solution company, adept in Linux commands, networking protocols, and cybersecurity principles, eager to further expertise through a Master's in Cybersecurity.

WORK EXPERIENCE

Associate Solutions Engineer

Logpoint [04/05/2022 – Current]

City: Lalitpur | Country: Nepal

- Working closely with networking and cybersecurity principles
- Fetching, collecting, normalizing, analyzing logs from different sources to detect critical security threats.
- Configuring VM instances in cloud as well as on premises
- Developing business logic in Docebo and working with different integrations like salesforce, workato, zendesk, outlook, ms teams etc.
- Writing regex patterns for log normalization, using commands like nmap, traceroute, netstat, nc, tcpdump, iptables, etc. for troubleshooting connectivity, and analyzing network traffic for potential security threats.
- Resolving Logpoint backend issues utilizing Linux commands such as grep, chmod, sed, ssh, journalctl, tail, htop, etc to ensure optimal system performance.
- Providing two day long training sessions every month to foreign clients on the features and usage of Logpoint SIEM, SOAR and UEBA.
- Developing usecases in order to detect and respond to possible security threats in real time
- Providing active technical support to clients
- Testing and researching new features developed in Logpoint
- Working with platforms like salesforce, cloudshare, okta, jira, vsphere, zendesk, eloomi, confluence etc. daily

EDUCATION AND TRAINING

Bachelors of Electronics and Communication Engineering

IOE, Pulchowk Campus [11/2017 – 03/2022]

City: lalitpur | Website: <https://pcampus.edu.np/>

Computer Networks, Mathematics, Computer Organization and Architecture, Computer Programming, Object Oriented Programming, Database Management System, Artificial Intelligence, Digital Logic, Discrete Structure, Numerical Method, Microprocessor, Probability and Statistics, Communication Systems, etc.

High School

Arniko Secondary School [07/2015 – 04/2017]

Linux For Network Engineers : Practical Linux with GNS3

Udemy

Website: <https://www.udemy.com/course/linux-for-network-engineers-practical-linux-with-gns3/>

MANAGEMENT AND LEADERSHIP SKILLS

Campus representative, "Breaking Out of the Cocoon" A year long project organized by "Girls in Tech and Sequel Foundation" and supported by the US Embassy to help female students learn, grow and groom themselves to find crucial jobs placements in the field of IT.

Link: https://drive.google.com/file/d/1ezgEU Ae-TjCo88m2xqvZFntYflvUWz7I/view?usp=drive_link

Exhibition Manager, LOCUS Managed LOCUS, the biggest technological exhibition in the country with more than 100 different projects showcased in front of 50,000 visitors across 3 days and conducted over 15 tech events/ hackathons/workshops during my 1 year long tenure.

Jury at "Can you C?" Judged in a hackathon for Bachelor level engineering students with around 50 participants presenting their ideas and projects in basic category.

CONFERENCES AND SEMINARS

Paper Published at "KEC Journal of Science and Engineering" Published a research paper "**Decentralized, On Demand Server System Using Smartphones**" in the KEC Journal of Science and Engineering. Presented the same paper in the OKRP Conference 2022 organized by the Office of KEC Research and Publications (OKRP).

Link: <https://doi.org/10.3126/kjse.v7i1.60533>

PROJECTS

Decentralized, On Demand Server System Using Smartphones

- Designed and implemented a system to use smartphones as on-demand servers for hosting websites with the primary objective to solve the problem of high network traffic in servers.
- Worked on Socket Programming, Web development (React, Node), Database (MySQL) and Mobile App (Java).

Link: https://drive.google.com/file/d/1TY_AZjw6tSZN3L2a2-p8PRVh9cjiSHxX/view

Offline Digital Money Transaction System

- Developed a secure, digitized, offline payment system using NFC technology to enable contactless transaction during the Corona Virus outbreak.
- Wrote the source code in C programming language and simulated the hardware in Proteus.
- Used AES encryption for secure transactions.

Link: https://drive.google.com/file/d/1NW1vOIfCNIjKc33_fztXpf4ARl6TuB5/view

IOE Entrance Examination System

- Built a computer based entrance examination system in C with entrant evaluation and reporting as per the admission criteria.

LANGUAGE SKILLS

Mother tongue(s): Nepalese

Other language(s): English (IELTS 7.0) | Hindi