

AMAN THAPA MAGAR

✉ aman.yhbs@gmail.com 🌐 **Web:** <https://amanthapa.com.np>
🌐 **LinkedIn:** <https://www.linkedin.com/in/thepercj>

PROFESSIONAL SUMMARY

A motivated and career-driven individual with a strong focus on personal development. Offering more than 5 years of experience in the IT industry with confidence and intellectual skills in translating tasks with results conferring a positive impact on the targeted population. I am a passionate and pioneering person with an optimistic attitude towards life.

WORK HISTORY

SYSTEM ENGINEER 01/2019 to 01/2023

Dish Media Network Ltd, Lalitpur, Nepal

- Manage and optimise hyper-converged infrastructure and data centre systems and networks.
- Install, configure, and maintain various applications, servers, and infrastructure.
- Implement security measures to protect data and information.
- Design, configure, and test system environments, with thorough documentation.
- Consult with clients to identify, analyse, and prioritise issues, providing tailored solutions.
- Administer systems and offer support for all personnel and clients.
- Identify and troubleshoot problems in different networks and systems.
- Monitor network and system operations.
- Maintain existing software and hardware, upgrading as needed.
- Work collaboratively with IT support personnel.

FYP EXTERNAL SUPERVISOR 01/2020 to 01/2021

Islington College Affiliated to London Metropolitan University, Kathmandu, Nepal

- Mentoring final year projects of students for Networking and IT Security faculty
- Validate projects and assist the internal supervisor with marking reports.
- Provide weekly updates on projects of students to the academic faculty.
- Assist students with technical issues on their projects.
- Coordinate with the academic faculty in conducting VIVA of the students.

DATA CENTRE TECHNICIAN 01/2018 to 01/2019

Silver Lining Pvt Ltd, Kathmandu, Nepal

- Provide L1 technical support tailored to clients' specific business requirements.
- Monitor systems, networks, and potential threats, with a primary focus on Palo Alto, HP Systems, HPE 3PAR Storage Systems, OpenStack, and VMware cloud.
- Handle infrastructure provisioning and oversee AC, electric room, temperature, water, and fire sensors, delivering daily datasheets.
- Conduct vulnerability assessments and penetration tests in various isolated and production environments.
- Prepare monthly client reports to uphold service level agreements with clients.
- Generate log reports for referencing, analysis, and troubleshooting purposes.
- Ensure adherence to ISO guidelines and policies aligned with business needs.

IT INTERN 01/2018 to 07/2018

Islington College Affiliated to London Metropolitan University, Kathmandu, Nepal

- Configuring VLANs and IP management for computer labs
- Maintaining lab PCs and equipment
- Generating daily Wi-Fi survey reports maintaining the overall infrastructure of the college
- Provide quick support to other departments in case of any technical issues.
- Snapshot and backup of Windows and Linux OS for labs
- Providing software support

SKILLS

Technical Skills

- **Database Management:** MySQL, Postgres, MongoDB, Microsoft SQL Server
- **Server Systems:** Windows (2012-2019), Linux (Ubuntu, CentOS, Debian, Alpine, Alma, Kali, Rocky)
- **Infrastructure Services:** DNS, Email, Load balancer, Active Directory, Office 365
- **Automation Tools:** Ansible, Terraform, HashiCorp Vault
- **Security & Compliance:** ISO 27001 Data Centre Guidelines
- **Virtualization Platforms:** VMware, Nutanix, OpenStack, Proxmox
- **Web Development:** Django, Flask, GitHub

- **Certifications & Programming:** CCNA, Nutanix, CNSS, Huawei Certified, HTML, CSS, JScript, Java, Python, Bash, Git, C/C++, UI/UX Design,
- **Cloud Technologies:** AWS, Azure, GCP, OCP

Non-Technical Skills:

- Ability to identify business requirements and translate them into IT scopes.
- Highly experienced in approaching problems in a calm and structured manner.
- Great ability to adapt to the continuous internal and external factors that affect the business.
- Having liaised with professionals from various industries and developed the ability to understand people's individual needs while simultaneously suggesting their interests.

EDUCATION

Masters: Advanced Computer Science, 09/2023 to 09/2024

University of Sussex - Falmer, East Sussex

Autumn Semester:

- Advanced Software Engineering
- Topics in Computer Science
- Human-Computer Interaction
- E-commerce and E-Business Systems

Spring Semester:

- Machine Learning
- Cryptography (L.7)
- Engineering Scalable and Reliable Software Project
- Web Applications and Services
- MSc Individual Project

Bachelors (Hons): Computer Networking and IT Security - First Class Honours, **02/2017 to 10/2019**

Islington College, London Metropolitan University - Kathmandu, Nepal

Courses on C/C++ and Advanced Java: 08/2016 to 01/2017

IT Training Pvt Ltd - Kathmandu, Nepal

A-Levels: 07/2014 to 11/2016

Trinity International College - Kathmandu, Nepal

School Leaving Certificate: 04/2003 to 06/2014

Young Hearts Boarding High School - Kathmandu, Nepal

INTERESTS

Music:

- Solo Artist and Guitarist

Sport:

- Basketball
- Table Tennis

LANGUAGES

Nepali

Native

English

Fluent

IELTS overall score 7.5

Hindi

Intermediate