# Prince Paija Magar

**Manamaiju, Kathmandu**

+977 9869028993


## CAREER OBJECTIVE

Aspire to establish myself as a cybersecurity professional dedicated to protecting digital infrastructure and data assets. My long-term vision encompasses advancing to senior cybersecurity architect. Through continuous learning and professional certifications, I seek to build expertise in cloud security, penetration testing, and compliance management. My goal is to lead cybersecurity initiatives that safeguard critical business operations and maintain stakeholder trust. I am committed to staying ahead of emerging cyber threats in our increasingly connected digital landscape.

## EDUCATION

**BSc (Hons) Computer Networking & IT Security** 2023 – 2026
Islington College London Metropolitan University

**SLC (Science)** 2021 – 2022
Gorkha International Public Secondary School
National Examination Board

**SEE** 2020
Gorkha International Public Secondary School
National Examination Board

## WORK EXPERIENCE:

**1. Networking Assistant Intern** August 2025 - November 2025

Network Store Pvt. Ltd.

Assisted in setup, configuration, and maintenance of network infrastructure including routers, switches, and access points. Monitored and troubleshooted LAN/WAN connectivity issues and provided technical support to staff for internet and intranet connectivity. Collaborated with senior team members to resolve hardware/software network issues and ensure smooth operation of networking projects.

**2.Robo Tutor** March 2026 - September 2026

ING Skill Academy

Teach robotics and electronics to Grade 1–9 students through hands-on, activity-based learning following the 5E instructional model. Guide students in block-based and text-based (Python, C++) programming using microcontrollers like Arduino and ESP32, conducting live demonstrations and project-based sessions. Travel to partner schools across Kathmandu for on-site delivery and coordinate with the academic team on lesson planning and scheduling.

## SKILLS

**Networking Skills:** Penetration Testing, Cryptography, Cisco, Malware Analysis, Risk Analysis, Network Monitoring, VLANs, Routing Protocols, IP Addressing, Network Troubleshooting
**Programming Language:** Java Script, HTML, CSS, Python
**Frameworks:** Node.js
**Applications and Software:** Wireshark, Nmap, Metasploit, Burp Suite, Kali Linux, Cisco Packet Tracer, Docker, Git
**Operating Systems:** Windows, Linux, Mac
**Server Management:** Web Hosting, System Administration, Hardware/Software Installation
**Soft Skills:** Communication, Time Management, Critical Thinking, Team Collaboration & Problem-solving, Client Management

## PROJECTS

**Web Development View Project**
Developed a comprehensive e-commerce website specializing in printer sales using fundamental web technologies to create an interactive user experience. Implemented multi- page architecture featuring 7 distinct functional pages and interactive shopping features with dynamic content delivery.

**Land Rental Management System View Project**
Developed a comprehensive land rental management system for property owners to efficiently manage land rentals and returns. Implemented automated invoice generation, late return fine calculation, and real-time land availability tracking with datetime integration.

**Teacher Management System Development View Project**
Developed a comprehensive GUI application for managing educational staff with separate interfaces for lecturers and tutors, providing streamlined data entry and management capabilities for academic institutions.

**Rain Safe Hanger View Project**

Developed an intelligent IoT-based automated system that detects rainfall in real-time and automatically protects outdoor laundry by rotating clothes hangers to covered positions, eliminating the need for manual intervention during unexpected weather changes.

**Pen Testing View Project**

Conducted a practical penetration testing simulation using the Metasploit Framework to demonstrate anti-forensic techniques and backdoor injection methods. Created a malicious Meterpreter payload concealed within an image file, delivered via a simulated phishing email to gain unauthorized system access. Successfully performed live monitoring, exfiltrated sensitive banking data, and covered tracks using process migration and event log clearing. Also, Investigated the attack from the victim's perspective.

**Genjutsu View Project**

Built an AI-powered phishing detection and honeypot system for Gmail as a final year project, combining a nine-layer threat analysis engine with email authentication checks (SPF/DKIM/DMARC), Naive Bayes-based NLP classification, and Google Safe Browsing integration for URL/attachment scanning. Designed an AI honeypot persona ("Nami") powered by Groq's LLaMA-3.3-70b to engage detected phishing attempts and extract attacker intent through escalating conversation stages. Deployed the backend on Google Cloud Run with PostgreSQL, and the frontend on Cloudflare Workers, with a role-based admin portal, real-time Telegram alerts, and automated PDF reporting for flagged threats.

## Certificate

**AWS Academy Cloud Foundation**

**AWS Academy Cloud Security Foundations**

**AWS Academy Cloud Operations**

**AWS Academy Cloud Architecting**

**RCNA WLAN**

**RCNA Routing and Switching**

**Web Monitoring Program**