

SHUVA KHAREL

Cybersecurity Student | Systems & Security

hey.shuva@gmail.com | Kathmandu, Nepal | [GitHub: github.com/shuva-kharel](https://github.com/shuva-kharel)
| [LinkedIn: linkedin.com/in/shuva-kharel](https://linkedin.com/in/shuva-kharel)

SK

EXPERIENCE

IT Chief

2025 - 2026

GoldenGate Science and Robotics Club (GGSRC)

- Led technical operations for robotics and STEM events.
- Built the GGSRC platform for membership, events, announcements, and certificate verification.
- Organized BOTX 2025 and supported its event-day technical setup.

Event Ambassador

2026

Innovista 2026, Presidential Graduate School

- Coordinated campus outreach and participant communication for Innovista 2026.

PROJECTS

Vaultkey

[GitHub](#)

A self-hosted password manager with WebAuthn, encrypted storage, and a Rust backend. Credentials stay under the user's control.

Stack: Rust, WebAuthn, SQLite, Docker, JWT

SoundSight

[GitHub](#)

A voice-guided visual assistant for blind and low-vision users, with OCR and object detection across a laptop and Raspberry Pi.

Stack: Python, Computer Vision, YOLO, OCR, Raspberry Pi

GGSRCclub

[Live](#)

Built a club platform for member records, event registration, announcements, and certificate verification.

Stack: React, Django

SUMMARY

Cybersecurity student focused on Linux, networking, and secure systems. Built a self-hosted password manager and a student club platform. Preparing for the CCNA.

EDUCATION

B.Sc. Cybersecurity

2026 - Present

Presidential Graduate School

Affiliated with Westcliff University

Higher Secondary Education

2024 - 2026

GoldenGate International College

Science - Computer Science

SKILLS

Networking

[TCP/IP](#) [Subnetting](#) [VLANs](#) [Routing and Switching](#)

[DNS](#) [HTTP/HTTPS](#) [SSH](#)

Security

[Network Traffic Analysis](#) [Web Security Testing](#)

[Vulnerability Assessment](#)

Tools

[Wireshark](#) [Nmap](#) [Burp Suite](#) [Metasploit](#) [Git](#) [Docker](#)

Systems

[Linux](#) [Linux Logs](#) [Windows](#) [Raspberry Pi](#)

Programming

[C](#) [C++](#) [Python](#) [Bash](#) [TypeScript](#)

CERTIFICATIONS

Cisco Certified Network Associate (CCNA)

CISCO | Expected 2026 | In Progress

AWARDS

Tech Expo 3.0

Valmiki Shiksha Sadan | 2026 | Winner

NEXTGEN Cyber Challenge 2026

Presidential Graduates School | 2026 | Winner

15Kg Bots Combat

Technoxian World Cup 3.0 | 2026 | Runner Up

CyberUtsav 2024

CyberUtsav | 2024 | Runner Up

LINKS

[TryHackMe](#)

tryhackme.com/p/shuva