

Ashim Nepal

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About

Cybersecurity enthusiast with a focus on Blue Teaming and network defense, building hands-on experience through security tools and threat detection projects.

Skills

LINUX, WINDOWS, TOOLKIT GENERATION, SECURITY & NETWORKING FUNDAMENTALS, SHELL, PYTHON, SECURITY TOOLS, EXPLOITATION TOOLS, FLASK, DJANGO, GIT/GITHUB

Projects

ASHQIT – SECURITY TOOLKIT

- ASHQIT is a terminal-based cybersecurity toolkit integrating Python and Bash, streamlining reconnaissance, web testing, network analysis, and forensics into a unified command-line interface.

WEB VULNERABILITY SCANNER

- A web-based security scanner to audit domains for vulnerabilities (HTTPS, headers, XSS, SQLi, CSRF), presenting results in a clear, interactive interface.

FACE SCAN SECURED PDF

- A python app integrating facial recognition and AES-256 encryption to securely lock and unlock PDF files.

NETWORK PACKETS ANALYZER

- A packet analyzer for detecting common network attacks from PCAP data with analysis and reporting.

*ALL PROJECTS: ashimnepal.com.np/#projects | ALL SECURITY PROJECTS: ashimnepal.com.np/AllSecurityProjects/

Education

CYBER SECURITY TRAINING

GLOBAL IOT NEPAL, KATHMANDU

| JAN 2026 - APR 2026

BACHELOR OF SCIENCE (HONS.) COMPUTER SCIENCE

HERALD COLLEGE KATHMANDU, UNIVERSITY OF WOLVERHAMPTON

| NOV 2022 - NOV 2025

HIGH SCHOOL (SCIENCE +2)

GLOBAL SCHOOL OF SCIENCE, NATIONAL EXAMINATION BOARD (NEB)

| SEP 2020 - AUG 2022

Certifications

- Introduction to Git and Github by Google (Coursera Certified)
- Cyber Security Fundamentals by CISCO Networking Academy (CISCO Certified)
- Networking Basics by CISCO Networking Academy (CISCO Certified)
- Linux Essentials by CISCO Networking Academy & NDG (CISCO Certified)
- Ethical Hacker Intermediate by CISCO Networking Academy (In Progress)