

Aaditya Raj

Cybersecurity & CSIT Student

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🔄 KronosWasTaken

Career Objective

Security-focused CSIT student and Cybersecurity Trainee at Programiz with hands-on experience in network defense, Python scripting, and intrusion detection systems. Eager to contribute to a cybersecurity team through an internship or entry-level opportunity where I can apply my training and continue growing as a blue team analyst.

Education

Patan Multiple Campus, B.Sc. in Computer Science and Information Technology – Lalitpur, Nepal 2023 – present

Prasadi Academy, Senior Secondary (+2) in Science (NEB) – Nepal 2022

- CGPA: 3.36 / 4.0

Experience

Cybersecurity Trainee, Programiz Apr 2026 – present

- Managing granular access control levels across Production, Staging, and Dev environments to ensure security compliance.
- Optimizing DevOps workflows and resource transparency via cloud API integrations and DevContainer orchestration.
- Hardening system security through rigorous Access Management, Software Inventory Management (SBOM), and the implementation of organizational Compliance frameworks.

Cybersecurity Research Intern, Neelgai Aug 2025 – Jan 2026

- Designed and built an MCP server to explore secure integrations with multiple services
- Researched defenses against prompt injection, authentication flaws, and insecure agent behaviors
- Identified and documented security vulnerabilities with actionable remediation for blue teams

Network and System Administrator Intern, Innovative Communication System Pvt. Ltd. Feb 2025 – Aug 2025

- Monitored and maintained data center hardware, network, and IT systems
- Performed preventive maintenance and daily infrastructure checks
- Escalated and restored critical faults while maintaining logs and reports
- Worked with Cisco and Juniper networking equipment

Projects

- **Eon**
Statically-typed, expression-oriented language compiling to bytecode and running on a custom VM.
- **Advent Of Code**
Advent of Code solutions starting from 2015.
- **VFlix**
Full-stack streaming platform with real-time sync, authentication, and media DB integration.
- **GPG-Lite**
Educational GPG-like encryption tool supporting AES, Argon2, and RSA hybrid encryption.
- **Intrusion Detector**
Real-time threat detection system with Go client and Python server.
- **Derivative Calculator**
Rust & Tauri-based calculator supporting symbolic derivatives and implicit multiplication.
- **Pass-CLI Password Manager**
Secure CLI password manager using Argon2, Fernet, and SQLite.

Certifications

- Oracle Cloud Infrastructure 2025 Certified Networking Professional - Sep 2025 ([Credential](#))
- Oracle Cloud Infrastructure 2025 Certified DevOps Professional - Sep 2025 ([Credential](#))
- Google Cybersecurity Professional - Aug 2025 ([Credential](#))
- Juniper Networks Certified Associate - Junos - Aug 2025
- Blue Team Junior Analyst - Security Blue Team - Jul 2025
- Junior Cybersecurity Analyst - Cisco Networking Academy - Jun 2025 ([Credential](#))
- Network Technician - Cisco Networking Academy - Jun 2025 ([Credential](#))
- Cyber Threat Management - Cisco Networking Academy - Jun 2025 ([Credential](#))
- Network Defense - Cisco Networking Academy - Jun 2025 ([Credential](#))
- Endpoint Security - Cisco Networking Academy - Jun 2025 ([Credential](#))
- Python Essentials 2 - Cisco Networking Academy - Feb 2025 ([Credential](#))
- Fortinet Certified Associate in Cybersecurity - Dec 2024 ([Credential](#))

Skills

Programming Languages: Python, Golang, Rust, Zig, JavaScript, TypeScript, C#

Web Development: React, Tailwind CSS, Electron, FastAPI, Flask, Gin

Database & Cloud: PostgreSQL, Supabase, SQLAlchemy, Oracle Cloud, Docker, FinOps, DevOps

Cybersecurity: Network Defense, Ethical Hacking, Cryptography, Endpoint Security, Cloud Security, Network Security, DevSec-
Ops

Systems & Tools: Linux, Git, Tauri, Selenium