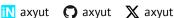
Achyut Koirala

Cybersecurity Analyst



🧕 Kathmandu, Nepal 📞 +977 9865195568 🚇 mail@achyutkoirala.com.np 🔗 Portfolio

I consider myself a responsible and Career-oriented person. I'm currently seeking an opportunity to apply and sharpen my skills against challenging tasks. Back-end Development and Digital Forensics really excites me

Experience

DigitalForensic UK | CyberAlert Nepal @

Jan 2025 - Present

Chief Operating Officer

Kathmandu, Nepal

Developed and maintained the company's website, APIs, and applications. Also serving as the Managing Director at CyberAlert Nepal, a subsidiary of DigitalForensic UK.

Leading a team of 10+ developers and testers to develop and maintain the company's digital forensic software.

Birendra Open Source Club | BOSC

Jul 2023 - Present

President

Chitwan, Nepal

Leading a student-driven tech community focused on promoting Free and Open Source Software (FOSS). Responsible for strategic planning, mentoring members, organizing workshops, and fostering collaborations to empower students.

- Organized 30+ Free events, workshops, and hackathons that reached 1000+ audience across Nepal.
- Software Freedom Day 2024, Hacktoberfest 2024, Career Guidance.

Apr 2024 - Sep 2024 Freelance ##

API Engineer | SOC Analyst

Remote, onsite

Solo completed various projects as I worked with technologies like Typescript, Go, NATS, RabbitMQ, HTMX, Testing GraphOL, REST, qRPCs and learned time management, project management and interpersonal skills.

- Communication with Client on GitHub Issues and Bug Fixes.
- Identifying and reporting Security vulnerabilities and handling Security Operations Center (SOC).

Hyperce (1) Aug 2023 - Oct

Back-end Developer, Intern

Remote

At Hyperce, I worked with technologies like Vendure, GraphQL, Typescript, Angular and TypeORM and learned internal mechanisms of the e-commerce industry as well as scaling of a tech-startup.

- Developed, Implemented and Tested APIs onto different backend services.
- Configured Algolia, Typesense and ElasticSearch.

ACET May 2019 - Aug

Jr Hardware Technician

Onsite

ACET helped me gain In-depth knowledge of system design, troubleshooting computers, Linux and bash, configuring Networks, and Backup/Recovery of files and systems.

Education

Tribhuvan University (1)

Jan 2022 - 2026

Bachelors in Information Technology

Student Leader | BOSC

MERN Stack workshop Training, Presentation and Participation in Hackathons.

Skills

Development

Soft skills

Project Management, Report Writing, Presentation, Communication

Security

Languages

QA, Manual Testing, API Testing, SIEM, GRC, Mitre Att&ck

React, Go, Node.js, PHP, C/C++, PostgresSQL, gRPC, GraphQL

Nepal, English, Hindi

Tools

Other

Splunk, Suricata, Wireshark, tcpdump, ELK Stack, Nessus, OpenVAS

Troubleshooting, Arduino, nats, docker, CI/CD

Certifications

API Penetration Testing: Certified

APISEC University, credly

Other Certifications

Google Cybersecurity | CS50x | FreeCodeCamp | AWS CPE | IBM's Project Management | Microsoft: AZ900 | All

Honors & Recognition

Employee of the Month

Sep 2023

Award | Hyperce

I received this award on my first-ever professional experience & made a significant impact at Hyperce. It justifies the commitment and passion I put into learning new technologies.

Activities

Nov 2024

50+ Student Leaders | 40+ Tech Communities

German Homes, Bhaktapur

Networked with Genius Minds from all over Nepal, Brainstormed new ideas and solutions to address the challenges that exists in our community. Participated in Fun Games and Sessions. <u>Certificate</u>

Git Seminars, Open source talks, unconference, Networking, GitHub Campus Experts

Gajabaar 2023 Summer Mentorship Program

May 2023 - June

Application Security Remote

This 3 months long mentorship helped me learn the basics of OWASP's Top 10 vulnerabilities to solving HTB Labs, OpenVAS, Cryptopals and Pwn college's challenges. <u>Certificate</u>

API Testing, VAPT, CTF, Cyber security

Projects

5o Oct 2023 - Present

CLI Music Player, APIs, HTMX Commerce, Black Hat Go

Node Jan 2022 - Present

Vanarakshak | Applicant Tracking System | Phishing app | APIs, GitHub

Microservices May 2023 - June 2024

Ticket Booking App

Other Jan 2024 - Present

CTFs writeups

Contributing to Open Source Technologies (Miti, Bosc).

Oct 2023