Achyut Koirala

Backend Developer

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Kathmandu, Nepal   +977 9865195568   @ mail@axyut.me   Portfolio

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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

Freelance 🌐   Jan 2024 - Present
API Engineer | Tester   Remote, onsite

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

- Communication with Client on GitHub Issues and Bug Fixes.
- Identifying and reporting Security vulnerabilities and bug bounty hunting.

Birendra Open Source Club | BOSC 🌐   July 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.

Hyperce 🌐   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 🌐   Jan 2022 - 2026
Bachelors in Information Technology   Student Leader | BOSC

MERN Stack workshop Training, Presentation and Participation in Hackathons.

Skills

Frontend | Backend

React, Astro, HTMX, Angular, Go, Node.js, Typescript, PHP, Zig, C/C++

Database | APIs

postgreSQL, mySQL, redis, mongo, maria, REST, GraphQL, gRPC

Security | Ops

Manual Testing, QA, Burp, API Pen-testing, docker, CI/CD, Postman

Soft skills

Project Management, Report Writing, Presentation, Communication

Languages

Nepal, English, Hindi

Other

Troubleshooting, Web-Socket, Arduino, nats, rabbitmq

Certifications

API Penetration Testing: Certified   Oct 2023
🔗 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

GitHub Field Day Nepal 🌐   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

Go   Oct 2023 - Present
🔗 CLI Music Player, APIs, HTMX Commerce

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 (<u>Miti</u>, <u>Bosc</u>).