

# ACHYUT KOIRALA

## Backend Developer

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

## Experience

### Hyperce, Internship, Fulltime

2023 Aug - Oct

Hyperce is an E-commerce suite platform. I worked as **Backend Developer** with technologies like **Vendure**, **GraphQL**, **Typescript**, **Angular** and **TypeORM** and learned internal mechanism of e-commerce industry as well as scaling of a tech-startup.

### A-CET Computers, Apprenticeship

2019 May - Aug

Role of a Hardware Technician gave me In-depth knowledge of system design, troubleshooting computers, **Linux** and **bash**, **configuring Networks**, and Backup/Recovery of files and systems.

## Skills & Abilities

- Backend Web Development with **Node.js** and **Go**. (**Typescript** **Nest.js** mux)
- Understanding of **REST**, **GraphQL** APIs, and SQL/NoSQL databases. (**PostgreSQL** **Redis** **MongoDB**)
- Familiarity with tools like **TypeORM**, **Postman**, **Docker** and **GitHub Actions**.
- Penetration Testing of APIs and Web security.
- Troubleshooting Computers, Project Management and Report writing.

## Education

### Oxford College of Engineering and Management, Computer Science

2019 - 2021

- Secured 3.53 GPA, Participated in Arduino Programming

### Tribhuvan University, Bachelors in Information Technology

2022 - 2026

- Currently Enrolled, Graduated MERN Stack Web Development Workshop
- Active with club responsibilities at Birendra Open Source Club.

## Awards and Certifications

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|--|---------------------|----------|
| • Microsoft Certified: Azure Fundamentals, <b>Microsoft</b>  | <a href="#">URL</a> | FEB 2023 |
| • API Penetration Testing, <b>APISEC UNIVERSITY</b>  | <a href="#">URL</a> | OCT 2022 |
| • Verify ( <b>CS50x</b> , <b>FreeCodeCamp</b> , <b>AWS CPE</b> , <b>IBM's Project Management</b> ) | <a href="#">URL</a> |          |

## Links and Activities

### OSM-Hackfest-2023, Participation

[URL](#) JUN 2023

Using OpenStreetMap's API we built a plant management system to streamline all the forest-fires, deforestation issues and other mishaps using React.js and Node.js. More on [GitHub](#).

### Gajabaar 2023 Summer Mentorship, Mentee

[URL](#) JUN-AUG

Gajabaar, application security focused program helped me into learning basics of OWASP's Top 10 vulnerabilities to solving HTB Labs, OpenVAS, Cryptopals and Pwn college's challenges. My participation on [GitHub](#).

## PROJECTS

- **Node, Nest** Vanarakshak, ATS API, Chat-App, Phishing app, File Uploader, Task Manager, Sales API
- **Micro services** Ticket Booking App
- **React, Angular** Data Visualization, Google Keeps Clone
- **Go** Golang APIs
- **Other** CTFs Write-ups