

# Roshan KC

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[GitHub](#)

[Portfolio](#)

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## Profile Summary

Creative, talented and innovative graduate with consolidated expertise in Back-End, front-end and security researcher. Highly motivated, educated to degree level (Computer Application) with a commitment to pursuing a career in Software Engineering after founding and managing a small successful freelance business for 4.5 years alongside studies. Technically proficient with sound communication and relationship management skills, being able to understand client requirements. Looking to secure a long-term software engineer role with a leading developer where I can aid client growth and further develop my digital skillset.

## Work Experience :

### ● NAXA

Backend Developer

FEB 2024

- Defined and maintained databases to deliver responsiveness to data client requests
- Developed server-side logic in Python
- **DASTAA as a Product ( Award Winning )** [LINK](#) , developed backend functionality for visualizing data on maps, integrating spatial data processing for improved geospatial analysis , processed household-level vulnerability data to calculate risk scores based on predefined parameters , Automated risk assessment calculations and ensured accurate profiling for disaster preparedness , Generated detailed reports based on collected data, helping stakeholders make data-driven decisions.

### ● WebCentral

Django + ReactJS

JAN 2023 - DEC 2023

- GPT-3 for chatbots, templates & collaboration
- Clean code, reviews & issue resolution
- Stripe for subscriptions
- AWS for reliability

### ● Devseducation

Django + ReactJS

JAN 2021 - MAY 2023

- I develop and maintain front-end web applications using React, focusing on UI design, interactivity, performance optimization, and cross-browser compatibility.

### ● mlmsplatform

Django + ReactJS

OCT 2020 - NOV 2020

- My Goal was to built a website with Front end from NextJs and backend from Django ( API ) . Where , user will upload resume file of pdf , docx or txt . Then the resume data will be parse and send to front end in JSON format.

### ● Mentor

Django

NOV 2022 - NOV 2022

- Mentorship provided Backend developer (Django Beginner)
- Certificate of mentoring: Django-Event-Mentorship-Certificate

[Certificate](#)

## Technologies & Tools:

Python, Django, FastAPI, React.js, Next.js, PHP, SQL, MongoDB, Elasticsearch, Web Scraping, HTML, CSS, Tailwind, Bootstrap, Git, Bash, Docker, Raspberry Pi, Linux, AWS (Elastic Beanstalk, Lightsail), PythonAnywhere.

## Rewards - Description

- Through my work on HackerOne, I have successfully identified and reported critical bugs. In 2020 bug bounty track record, earning rewards, and accumulating points for identifying critical vulnerabilities like CRLF Injection, XSS via URL parameters, and parameter injection.

## Education :

Birendra Multiple Campus

- Bachelore in Computer Application ( 2018 - 2023 )

## Personal Information

- Hobbies: Playing Violin give me Soothe, Playing computer games, Watching movies (science-fiction, history)

## Languages

- Nepali
- English
- Hindi
- Russian