


Ashutosh Khanal Upadhyay

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Profiles

 [asup20cs](#)

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Summary

As a graduate with a Bachelor of Engineering in Computer Science and Engineering, I am eager to secure an opportunity to gain practical experience in my chosen field. I am now keen to apply my knowledge in a professional setting to further enhance my skills and understanding.

Experience

Innovate Intern

Feb 2024 - April 2024

Cybersecurity and Ethical Hacking Intern

Remote

- Acquired comprehension of cyber security principles, ethical hacking, and vulnerability assessment.
- Gained proficiency in utilizing various tools and technologies such as OWASP ZAP and Metasploit for conducting penetration testing and vulnerability assessment.

VaultOfCodes

Oct 2023 - Nov 2023

Web Development Intern

Remote

- Grasped the fundamental concepts of web development.
- Contributed to the maintenance and construction of the company's website.

Education

CMR Institute of Technology

Dec 2020 - June 2024

Computer Science Engineering

Bachelor of Engineering

7.49 CGPA

Everest English Boarding Higher Secondary School

2018 - 2020

Science

3.02 GPA

Projects

Web Server Using Raspberry Pi

Constructed a media server with a Raspberry Pi

- Gained insights into IoT concepts.
- Acquired knowledge of media server functionality, including media management, hosting, and availability.

Currency Recognition App

Desktop app to recognize currency, its country, denomination and fetch available exchange rates

🔗 <https://github.com/asup20cs/CurrencyRecognitionApp>

- Grasped concepts such as dataset creation and data cleaning.
- Developed proficiency in machine learning algorithms through the creation of a model achieving 92% accuracy in detecting Nepali and Indian currencies.
- Learnt to develop GUI applications in Python and integrate trained models for currency prediction

Technical Skills	Python	C	Office Suite	AWS	Azure
	● ● ● ○ ○	● ● ○ ○ ○	● ● ● ● ○	● ● ○ ○ ○	● ● ● ○ ○
	Linux	UI/UX	Docker	Git and Github	My SQL
	● ● ● ● ○	● ● ○ ○ ○	● ● ● ○ ○	● ● ● ○ ○	● ● ● ○ ○
	DevOps	BASH			
	● ● ○ ○ ○	● ● ● ● ○			

Courses and Certifications	Linux Fundamentals	July 2022
	LearnQuest on Coursera	
	Foundations of UX Design	Feb 2022
	Google on Coursera	
	Operating Systems and You: Becoming a Power User	Oct 2021
	Google on Coursera	
	IT Security: Defense against the digital dark arts	Jan 2023
	Google on Coursera	

Personal Details	Date of Birth
	25/05/2001
	Gender
	Male
	Nationality
	Nepali
	Address
	Ramgram-3, Parasi, Lumbini State, Nepal
	Languages Known
	English, Nepali, Bhojpuri, Hindi

References	Dr. Preethi Sheba Hepsiba
	Professor
	https://scholar.google.com/citations?user=4deHgmcAAAAJ&hl=en Email: preethi.hepsiba@gmail.com Phone: +918028524466
	Dr. Sanchari Saha
	Professor
	https://scholar.google.com/citations?user=1oMmkIIAAAAJ&hl=en Email: sanchari.s@cmrit.ac.in Phone: +919886079563