Ashutosh Khanal Upadhyay

📞 +9779847445877 @ uashutoshk@gmail.com 🔗 https://uashutoshk.com.np

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Profiles

○ asup20cs   in asup20cs

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/CurrencyRecognizationApp

- 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	Svelte and SvelteKit
	● ● ● ● ○	● ● ○ ○ ○	● ● ● ○ ○	● ● ● ○ ○	● ● ○ ○ ○
	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. Kavitha P
Professor

Email: kavitha.p@cmrit.ac.in

Prof. Pooja Goud
Mentor, Professor

Email: pooja.g@cmrit.ac.in

Phone: +919739105864