



Shishir Pandey

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ABOUT ME

A recent Computer Engineering graduate, currently pursuing a Master's degree in Cyber Security and Cyber Defence. Eager to launch a career in cybersecurity with a strong academic foundation in systems design, software development, and cyber defense strategies. Equipped with theoretical knowledge in identifying and mitigating security threats and vulnerabilities. Seeking entry-level opportunities to apply and further develop my technical skills in real-world environments.

WORK EXPERIENCE

Student Job (Collect, Analyse, Store Data)

University of Luxembourg [15/12/2024 – 15/03/2025]

City: Luxembourg | Country: Luxembourg

- Analysis on Android Application Using VUSC
- VUSC (Vulnerability Scanner) is dynamic analysis environment
- Execute ADB commands for app debugging
- Manual Interaction with Applications
- Document findings and provide detailed reports

EDUCATION AND TRAINING

Master in Cybersecurity and Cyber Defence

University of Luxembourg [16/09/2024 – Current]

City: Belval | Country: Luxembourg

Bachelor in Computer Engineering

National College of Engineering Affiliated to Tirbhuvan University [2018 – 2023]

City: Lalitpur | Country: Nepal | Final grade: 67.96 %

National Examinations Board

Kathmandu Model Secondary School [2016 – 2018]

City: Kathmandu | Country: Nepal | Final grade: 3.41

LANGUAGE SKILLS

Mother tongue(s): Nepali

Other language(s):

English

LISTENING C1 READING C2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Hindi

LISTENING C1 READING C1 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

PROJECTS

Music Recommendation System Based on Emotion Recognition using CNN

- Developed intuitive frontend interface for the music player
- Technologies Used: HTML, CSS, JS, React

Nepal Expedition

- Developed a system for tourist to view and book different packages
- Created form using formik with Yup validation for Authentication.
- Technologies Used: HTML, CSS, JS, React, Formik, Yup

VOLUNTEERING

[02/2023] Nepal

Volunteer at CAN Info-Tech 2023

[12/2021 – 02/2023] Nepal

Vice-President of NCE IT Club

[01/2023] Nepal

Organizer of Yatra 4.0 Recognize as Finance Manager

[06/2022 – 07/2022]

Given Frontend Fundamental Class to Junior

[12/2019 – 12/2020] Nepal

Treasurer of NCE IT Club

[07/2019] Nepal

Organizers of Yatra 3.0 Recognize as Graphic Designer

[12/2018 – 12/2019] Nepal

Vice-Secretary of NCE IT Club

CERTIFICATION AND TRAINING

[07/2023 – 09/2023]

Full Stack Development Using Mern

[2014 – 2015]

Professional Diploma in Computer Application