

IZA K.C.

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About Me

I am a third year computer Engineering student. Apart from my technical skills I have managed to gain skills like leadership, communication, problem solving and specially teamwork by participating in various events. I am a quick learner and love exploring new technologies

Education

Kantipur Engineering College

2020 – Present

Bachelor's Degree in Computer Engineering

St. Xavier's College

2018 – 2020

High School Degree

Skills

- C/C++
- Python
- JavaScript
- SQL
- MongoDB
- Flutter

Participations

Women Leaders in Technology

2023 - Present

Completed two weeks bootcamp, exploring Git/GitHub, JavaScript, MongoDB, and leadership skills and contributed as backend developer on the project "NepalCares". Also gained comprehensive knowledge on leadership

Hack-a-week

Jan 7-14 2024

Participated on a week long hackathon in the Game Development category and successfully developed a winning mobile game "Mathemagica"

Hacking for Humanity

Feb 10-12 2023

Participated on the largest all female hackathon in Nepal as the top 16 teams. Developed a job platform targeted towards women

Projects

NepalCares | Donation Platform

- Web application made with HTML/CSS and JavaScript user authentication done with jwt
- The platform allows the user to donate for the people in need with integrated payment service providers. Users can also start fundraisers for themselves or other people. The platform also allows organizational donations with an organizational profile

Mathemagica | An immersive gaming platform with mathematical puzzles

- Mobile application developed with Flutter and its 2D game engine Flame
- Players navigate through a magical jungle solving mathematical puzzles that test their basic math skills. Players can collect a points by answering the given question correctly

SnapTag | Ctrl + F for your handwritten notes

- Mobile application build with Flutter for the UI and python with FastAPI for the backend
- Uses OCR for character recognition, NER for tag generation using Python's SpaCy library, PyTorch for model training to allow the user to search their handwritten notes