

IZA K.C.

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SKILLS

Languages

- Python , HTML, CSS, JavaScript

Frameworks

- Flutter

Databases

- MongoDB , SQL
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EDUCATION

Kantipur Engineering College

2020-2025

Bachelor's Degree in Computer Engineering, IOE

St. Xavier's School

2018-2020

NEB, Government of Nepal

PROJECTS

SnapTag: An application for searching handwritten notes

Python, Flutter, Dart, CNN, Hough Transformation, OCR

- An application that allows users to search through their handwritten notes using keywords, done as a minor project in group of four.
- Application uses computer vision and OCR technology for the document detection process.
- Contribution in Hough line transformation, mobile app development and documentation of the project.
- Learned about various machine learning algorithms and improved problem solving skills.
- Improved problem solving and communication skills while working on the project.

NepalCares: A Crowd Funding Web Application

HTML, CSS, JavaScript, MongoDB, jwt

- The platform allows the user to donate for the people in need and users can also start fundraisers.
 - Project done with the use of HTML, CSS and Javascript for frontend, nodejs for backend and MongoDB for database respectively.
 - Contribution in frontend design and database design and connection.
 - learned about web development and providing user session with the help of jwt.
 - Improved problem solving, communication skills and teamwork while working on the project.
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EXPERIENCES

Volunteer - Web Development

Jan 7 - 14 2024

- Volunteered for assisting the instructor in a 5 days long web development session which covered the basics of HTML, CSS and JavaScript.
- Facilitated the registration process and gained insights on event management.

Fellowship - Women Leaders in Technology

2023 - 2024

- Completed two weeks of bootcamp exploring Git/GitHub, JavaScript, MongoDB
- Gained comprehensive knowledge on leadership.

INVOLVEMENTS

Hack-a-week

Jan 7 - 14 2024

- Engaged in a week-long hackathon organized by LOCUS,Pulchowk.
- Developed a winning project within the Game Development category titled "Mathemagica" which was built using Flutter on top of it's 2D game engine Flame.
- Gained experience on project pitching and improved communication skills and teamwork.

Girls To Code - React Bootcamp

Dec 28 - 30 2023

- Attended a 3 days bootcamp for React conducted in Pulchowk campus, IOE.
- Learned about the basic concepts of ReactJS.
- Completed various assignments and exercises to better understand the concepts.

Code For Nepal - Data Fellowship

July 2023 - Present

- Joined the data fellowship organized by Code for Nepal which provides fellows with access to the DataCamp .
- Successfully completed courses such as Introduction to data processing, Intermediate SQL, Reshaping data with pandas and so on.

Hacking for Humanity

Feb 10 -12, 2023

- Participated on largest all female hackathon in Nepal as the top 16 teams which was organized by the Shequal Foundation.
- Worked on a team of 3 to create a job portal that is catered towards women and contributed towards the frontend design and development of the application.
- Gained knowledge on mobile app development using flutter and improved communication and presentation skills.

CERTIFICATIONS

Flutter Development Course

June - July 2023

- Completed a comprehensive 6-week Flutter development program acquired foundational knowledge of the framework.
- Successfully applied the acquired skills by developing a NewsApp as a project for the course.

REFERENCE

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