ROSHAN KC

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ABOUT ME

I am a 2023 computer engineering graduate. I believe I have strong academic and in-college accomplishments. I'm a dedicated and hardworking student, recognized for creative thinking in high school. During college, I actively participated in robotics clubs, hackathons, and internships. I enjoy backend and networking work, and my ultimate interest lies in entrepreneurship and technology startups. I love solving problems through coding. I have a strong desire to learn teamwork that includes different fields.

EDUCATION

Bachelor Of Computer Engineering

IOE - Pashchimanchal Campus, Pokhara

2018 - 2023

Science AND Mathematics

Notre Dame College, Bandipur

2016 - 2018

Languages

Nepali ★★★★☆

Proficient

English ★★★☆☆

Advance

Hindi ★★☆☆☆

Intermediate

PROJECTS

Robotics Club website

2022 - 2023 Robotics Club, IOE - Pashchimanchal Campus

(Python Flask, HTML, CSS, JS, next.js)

Using google service api, we created a google form and sheet based CMS (Content Management System) as a backend (middleware) of the website.
Demo: https://robotics.wrc.edu.np

Programming languages

PHP	HTML	CSS
JS	REACT	MySQL
C	C++	BASH
Python		

Smart E-parking

2019 IOE - Pashchimanchal Campus

(PHP, HTML, CSS, C, Arduino)

E-parking is a web based application that provides users with a real time parking spot status from anywhere through a website.

Krisakha

2022 IOE - Purwanchal Campus, Dharan

(AI, python flask, React.js)

Krisakha is a browser-based solution for smart farm monitoring, featuring features such as crop prediction and disease prediction. It was developed in a 24 hour hackathon at IOE Purwanchal campus, Dharan.

FacEmotion

2023 IOE - Pashchimanchal Campus

(AI, python flask, HTML, CSS, JS)

FacEmotion is a web-based AI integrated application that reads human emotion and displays emoji based on it. We built a prediction model using pureCNN using 9 convolutions and 2 pooling, and asynchronous POST and GET to mimic real-time behaviour.
Demo: https://facimotion121.pythonanywhere.com

Frameworks/Tools

Laravel	Flask
Docker	Azure
AWS	pythonanywhere
Github	

Databases

MySQL	SQLite
Postgresql	

Other skills

- Project Management
- Teamwork
- Research
- Excel
- Word

SOCIAL PROFILES

https://github.com/roshankc123/

https://www.linkedin.com/in/roshan-kc-12892b25a/

https://roshan-kc.com.np