SAURAV KHANAL

student

Contact

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Education

2017
Brain Land Academy
- SEE (GPA 3.70)

2017-2019
Bagmati Modern College
- Highschool Diploma GPA(3.38)

2019-PRESENT
Kathmandu Engineering college
- Bachelor's Degree in Computer Engineering

Skills

JavaScript

ReactJS

Web Server

FastAPI

Git/Github

About

As a final year Computer Engineering student, I bring a blend of creativity and technical expertise. I specialize in crafting user-friendly interfaces with ReactJS and developing robust backend systems using Python FastAPI. Proficient in multiple programming languages, including JavaScript, Python, C, and C++, I'm dedicated to creating innovative solutions that seamlessly merge technology with user experience.

Projects

Travel Guide: Mobile App Redefining Heritage Exploration

Contributed significantly to the collaborative development of the 'Travel Guide' mobile app using React Native. Led mobile development, integrated the backend with FastAPI, and actively participated in the entire project. Implemented YOLO for heritage site identification, enhancing the user experience with historical facts, current conditions, and nearby attractions. The project is aimed at promoting Nepal's tourism sector through innovative technology solutions.

SignDetect: Windows Signature Verification App

Contributed to a collaborative effort in developing a Python-based Signature Verification System desktop app. Applied Convolutional and Siamese Neural Networks, achieving a 94% test accuracy. Demonstrated effective teamwork and technical proficiency.

Experience

Robotics Club, Kathmandu Engineering College

Event Coordinator
May 2022 – Present
Skills: Event Planning, Teamwork, Leadership

Member
Jun 2021 – May 2022
Skills: Robotics, Arduino, C, C++, Electronics

Interests

- Robotics
- Machine Learning

Languages

- Nepali (Native)
- English (Fluent)