Sagar Nemkul

Siddhipur, Lalitpur | +9779840254203 | sagarnemkul7@gmail.com

ABOUT ME

IT engineering student from Nepal College of Information Technology, a trainee aspiring to be a Backend developer with a passion for creating efficient, scalable, and robust server-side applications.. Looking for an internship to gain experience in working environment, sharpen my skills in a professional working environment, sharpen my skills in backend development, database management, and API integration, and contribute to impactful projects.

SKILLS

Proficient in C programming language
Proficient in Object Oriented Programming Language
Frontend: HTML, CSS, JavaScript (React.js), Bootstraps
Backend: Django framework, Django Rest API
Database: mySql
Tools: Git, Github, VS Code

PROJECTS

Online Blood Bank Management System

Developed Blood management System to locate the interested donor, and the requests form the patients. Using HTML, CSS, Javascript, PHP

Image Stegnography File Management Systen

Developed Steganographic secure file storage system that allows the user to secure the file using AES encryption and store those encrypted data into the image using steganography. Using React.js, Python

Flow Sync Traffic Light Optimization System

Created FlowSync web application that manipulates the traffic light with intensity of vehicle in the intersection, it allocates the time for the particular path dynamically according to the density in the intersection. Using Python-Django, React.js, Yolo algorithm

ACHIEVEMENT

NCIT, Balkumari, Lalitpur
Participant, NCIT HackFest   January 11 - 13, 2024

Development of a Traffic Light
Optimization project using Computer Vision,
which won the Best Innovation Award.

EDUCATION BACKGROUND

Pokhara University   2019 (present)
Nepal College of Information Technology, Balkumari
IT Engineering

United Academy, Kumaripati +2   2017-2019

Bal Deeksha Sadan Secondary School   2017

Broadway Infosys, Tinkune   May 7, 2024
Python and Django

Mentor Institute of Technologies, Lagankhel
Basic web design (3 months)   2017

REFERENCE

Sudan Bhandari | Python Developer | +9779806245114