

Aaditya Adhikari

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SKILLS

- ❖ Python
- ❖ HTML,CSS,Javascript,PHP
- ❖ MySQL
- ❖ MERN
- ❖ C
- ❖ C++
- ❖ C#(Basics)
- ❖ Machine Learning

EDUCATION

- ❖ Khwopa Engineering College,Libali,Bhaktapur
Bachelor in Computer Engineering,CGPA:3.49 | (2081 B.S)
- ❖ Khwopa Higher Secondary School,Dekocha,Bhaktapur
Higher Secondary Education(+2),CGPA:3.46 | (2076 B.S)
- ❖ Lali Gurans English Boarding School,Kushadevi,Panauti
Secondary Education Examination(SEE),GPA:3.70 | (2073 B.S)

ACADEMIC PROJECTS

- ❖ **E-commerce website (MERN stack)**
 - Developed a responsive e-commerce platform for Prativa Chemicals using the MERN stack, supporting CRUD operations for products, orders, and user management.
 - Designed an intuitive frontend using React.js to ensure an engaging user experience and integrated backend APIs with Node.js and Express for seamless data handling.
 - Implemented a MongoDB database schema for efficient storage and retrieval of product and user data, ensuring scalability.
- ❖ **Airline Reservation System**
 - Built a comprehensive airline reservation platform with features for flight bookings, checking upcoming flights, online ticket management, and cancellations.
 - Designed a user-friendly interface using HTML, CSS, and JavaScript, allowing users to easily navigate booking options and flight details.
 - Developed backend logic in PHP to support dynamic updates of flight schedules, ticket availability, and admin financial records after each transaction.
 - Utilized SQL for database management, ensuring the secure storage and efficient querying of flight schedules, bookings, and transaction records.

❖ **Automated Attendance Using Facial Recognition System**

- Implemented an automated attendance system using a CNN to identify and record attendance before a specified timestamp.
- Trained the model on a dataset of student faces to ensure high accuracy and reduced false positives/negatives.
- Integrated the system with MongoDB for storing attendance logs and used OpenCV for real-time face detection and recognition.

❖ **Traffic Sign Recognition and Generation**

- Developed a traffic sign recognition system tailored for Nepal's traffic signs, utilizing a CNN for accurate classification.
- Researched and implemented GANs to generate traffic sign images and provide users with a diverse range of traffic signs.
- Preprocessed and annotated images using OpenCV and Albumentations for efficient training, ensuring the model's robustness against real-world scenarios.

HOBBIES

Football, Cricket