Ujjal Basnet

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Skills

- **Programming Languages:** Python, JavaScript, SQL, HTML/CSS
- **Frameworks & Libraries:** React, TensorFLow, PyTorch, Scikit-learn
- **Database Technologies:** MySQL, MongoDB
- **Software Development:** Web Development, Application Development
- **Operating Systems:** Windows, Linux

Education

Jain University   **Sep 2022 - Present**
Bachelor of Technology in Computer Science   *GPA: 7.8*
Oxford Secondary School, Nepal   **2021**
12th from NEB Board   *Percentage: 83.7*
Sandhikharka Green English Boarding School, Nepal   **2019**
10th from NEB in 2019   *Percentage: 85*

Projects

Police App
- Role-based access for public users, administrators, and law enforcement
- Online complaint filing and case monitoring
- Notification and updates in real time
- Authentication and secure login
- Handled interactive dashboards to improve management effectiveness
- Technology Used: React.js, Node.js, Express.js, MongoDB, JWT, Git and GitHub

Face Recognition Attendance System
- An intelligent attendance system that detects and recognizes students' faces in real time using a webcam.
- uses face_recognition to match faces with stored images.
- adds the name, date, and time of attendance to a CSV file
- avoids manual and proxy errors.
- Quick, safe, and completely automated.
- Technology Used: Python, Face_recognition, OpenCV, datetime

Certifications

Linux Fundamental 🔗   **March 2023**
- Certified by LearnQuest (Coursera)
- Skills: Linux shell commands, Linux administration

C for Everyone: Structured Programming 🔗   **January 2023**
- Certified by University of California, Santa Cruz (Coursera)
- Skills: Algorithms, C Programming Language Family, Programming Principles, Data Structures

Autodesk Fusion 360 Integrated CAD/CAM/CAE 🔗   **July 20223**
- Certified by Autodesk (Coursera)
- Skills: 3D modeling & parametric Design, Simulation & Analysis(CAE), Collaborative Design and Cloud Management

An introduction to Interactive Programming in Python 🔗   **May 2023**
- Certified by Rice University (Coursera)
- Skills: Python Syntax And Semantics, OOPs, Logic Programming, Programming Principles, Python Programming

Languages

- English
- Hindi
- Nepali