



# Biplov Karna

Highly Motivated final-year Computer Engineering Student with formidable programming skills and experience in web and mobile development frameworks. Proficient in C, C++, Python, and JavaScript. Strong problem-solving, analytical, and communication skills. Seeking opportunities to leverage skills and knowledge to make a positive impact on a company.

## Projects

### Image Steganography

Embedded a secret image inside a cover image using CNN, Arnold Scrambling and Wavelet Transform. Same network can be used to reveal the secret image from the Cover image. Planning to implement general media steganography model where media can be anything: image, audio or video.

### 3D multiplayer game

The project involved creating 3D models and animations using Blender and exporting them to the Godot game engine. The game logic was implemented using GDScript, allowing for multiplayer functionality. The final product was a 3D game that could be played by two players over a network connection.

### Food Ordering System

This system built using QT framework featured an intuitive user interface for customers, kitchen chefs, administrators, and receptionists. Customers were able to place orders, chefs could view orders, receptionists could process payments, and administrators could view total orders, change food amounts and prices, and manage employee login credentials.

### Face Recognition System

For the sixth semester minor project, we implemented the Viola Jones algorithm in C++ and developed our own haar cascade classifier for face detection and recognition. Our classifier was successful in detecting and recognizing faces in images and videos.

### Facebook Clone

A mobile app using Flutter that allows users to view, like, and comment on the posts of their friends, as well as send them private messages. The app also includes features for editing user profiles and more. I used Firebase as a cloud database to store and manage the app's data.

## Education

**BE in Computer Engineering, Thapathali Campus, JOE, TU. Kathmandu**  
Running

**+2. National School of Sciences. NIST, Kathmandu**  
3.45 CGPA

**SLC Siddhartha Vanasthali Institute, Kathmandu**  
35 CGPA

## Details

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## Links

[GitHub](#)

[LinkedIn](#)

## Skills

Data Structure And Algorithm

Programming

Problem Solving Skills

Time Management

Visual Design Skills