

## ROMAN KARKI

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### Introduction:

Hi, I'm Roman Karki, an Electronics and Communication Engineer. I love to transform ideas into reality using code. I am passionate about using code to create awesome experiences and solving real life problems.

### Experience:

- Currently working at Pathao as Data Science Intern.
- Little experience in freelancing using React js.

### Programming Languages / Technologies

- Python (Django & DjangoRestFramework, FastAPI, Tensorflow and Machine Learning Libraries )
- Javascript(React js)
- HTML & CSS
- Understanding of Restful API and git as version control.
- Very Basic knowledge of Java and Springboot.

### Personal Projects

#### Social Media Project:

A project based on django rest framework (Rest API) and React js that mimics basic functionality of a social media. This project is still in progress.

<https://github.com/romankarki/Social-Media-Clone>

#### Expense Tracker system:

A project based on django(Rest API) and React Js that keeps track of your expenses and incomes, and displays an analysis chart.

<https://github.com/romankarki/Expense-Tracker>

#### Monkey Species Classifier:

This project aims to detect the species of monkey based on the photo of a monkey. The project uses CNN trained from a dataset and the model was then deployed to an API using FastAPI.

<https://github.com/romankarki/Fast-API-and-cnn>

#### To-Do-App Django and Javascript:

A project based on django rest framework(Backend API) and Javascript (along with html and css).

<https://github.com/romankarki/To-Do-App>

#### Student management app:

A simple demo app using vanilla javascript, html and css.

demo: <https://competent-fermat-a0d070.netlify.app/>

Code: <https://github.com/romankarki/Manage-Students-js>

**To-Do-App React:**

This is a very simple to do app using react.

Demo: <https://to-do-app-in-react.firebaseio.com/>

**Simple landing page:**

A simple demonstration of my html and css skills

Demo: <https://frosty-lamport-d2bac9.netlify.app/>

**Ecommerce project:**

An Ecommerce web application with features such as products, accounts, orders and carts.

<https://github.com/romankarki/E-commerce>

**Library-Book management app:**

A simple app that keeps records of books issued to a student.

<https://github.com/romankarki/Library-Book-App>

**Student management system:**

A java springboot based project to manage information details of a student in an institution built using java spring boot framework.

<https://github.com/romankarki/StudentManagementSystem>

**P.S. : Other projects available in my github repository**

<https://github.com/romankarki/>

**Education****2015-2020 B.E. Electronics and Communication – Kathmandu Engineering College**

Electives:

- 1.Satellite communication
- 2.Big Data Technology
- 3.Artificial Intelligence

**Undergraduate Projects**

**1.Major project:** Object Detecting drone(This project uses deep learning capabilities to detect real time objects from a drone using YOLO algorithm.)

**2. Minor project:** GPS and GSM based vehicle tracking System(The project was based on Arduino and points out the position of vehicle in Google map.)