

# Ishan Kafle

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## Professional Experience

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2024/06 – present  
Itahari

### Cloud Computing, IoT, Python Tutor

*Itahari International College*

- Teach Cloud Computing & IoT
- Python, and algorithmic thinking
- Mentor students through hands-on projects

2025/02 – 2025/04  
Ithari

### Django Instructor

*Digital Pathshala*

- Instructing students on Django fundamentals and full-stack application development.
- Providing mentorship through hands-on projects.

2023/06 – 2023/09

### Full Stack Developer & IoT

*ING Skill Academy*

- Built an e-commerce website using Django.
- Contributed to IoT projects like a smart dustbin and Iron Man helmet.

## Skills

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### Technical Skills

- ASP .NET core, Django, Django Rest Framework, Flutter (with BLoC), React

### Soft Skills

- Time Management
- Collaboration
- Team Work

## Projects

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### Road Alert

- **Description:** Road Alerter is a mobile application where users can report road damages with images, select locations on the map, and notify nearby users in real-time to ensure road safety.
- **Technologies:** Flutter, Firebase (Firestore, Google Authentication), Flutter Map, Firebase Notification

### Inventory Management System

- **Description:** The Inventory Management System securely manages products, stock, staff, and departments with role-based access. Admins can add staff and perform CRUD operations, while staff can issue and return stock. Real-time updates and authorization ensure accuracy, control, and security.
- **Technologies:** Flutter, React, .NET ASP Core API

### Book Me - Home Service booking platform

- **Description:** Bookme is an on-demand service platform connecting job seekers—such as plumbers, electricians, cleaners, and home tutors—with customers. Users can seamlessly browse, book, and pay for services in real-time through an intuitive interface and integrated Khalti payment system for quick and secure transactions.
- **Technologies:** Django REST Framework, Flutter (with BLoC), React (Admin Panel)

### Book Shop - Ecommerce

- **Description:** The eCommerce Book system enables users to browse and book books, add items to their cart, view their purchase history, and receive notifications. The admin has the ability to manage books, including adding, updating, and deleting listings.
- **Technologies:** ASP.NET Core API (Clean Architecture), React (Frontend), Firebase (for real-time notifications)

## Bislerium Blog

- **Description:** Built a blog platform with user management, media integration, real-time notifications, and admin controls.
- **Technologies:** React, .NET Entity Framework, Firebase

## E-Commerce Website

- **Description:** Developed features like product listings, cart management, and secure checkout.
- **Technologies:** Django templates, Html , Css, Js

## Chatbot

- **Description:** Created a chatbot that provides educational responses related to the solar system.
- **Technologies:** Python, NLTK

## Other Projects

- **Youtube Video Downloader** - Django based system where User can download the youtube video through link
- **Car EMI** - Django React Based Car Emi System
- **Message App** – Real-time Flutter messaging using PHP & MySQL
- **Smart Dustbin (IoT)** – Arduino-based trash bin with Flutter & remote control
- **Clothes Shop** – Java Servlet-based e-commerce platform
- **News App** – Flutter & PHP-based article publishing with view tracking
- **Blog App** – Django-powered blog with tags, comments, and sharing
- **Additional projects available upon request**

## Education

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2021/11 – 2024/12

**Computing BSc (Hons) course**

Itahari International College (London Metropolitan University)

## Participation

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### FUTURAMA EVENT

Showcased an IoT project to over 45,000 students across 11 cities in Nepal during one of the biggest tech fests in the country.

### ACES TechFest Hackathon 2.0

*Purwanchal Engineering Campus Dharan*

Created software specifically designed for people with special abilities.

### Future Connect and IIC Expo 2023

*Itahari International College*

Presented the "Smart Dustbin Project," an IoT device, demonstrating its innovative features and functionality for efficient waste management.

### Food Loss Prevention and Waste Management Hackathon

*Islington College Kathmandu*

Developed a prototype software for preventing food loss in the supply chain.

## Certificates

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- Advance Your Skills as a Django Developer [↗](#)
- Flutter Essential Training [↗](#)
- AWS Academy Cloud Foundations [↗](#)
- Learning Git and GitHub [↗](#)
- Glossary Teamwork Foundations [↗](#)