

# DINESH KARKI

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## Experience PROJECTS

ECOMMERCE APP [🔗](#) JUN 2022 – JUL 2022

- Effectively Yielded and Deployed the complete Ecommerce Web-App featuring **Razorpay** as a payment Gateway and enhanced css to make **User-Friendly** and **Responsive** Design.
- Implemented **Jinja2** which makes an application run between **10 and 20 times** much faster than before and automatic HTML escaping to prevent **cross-site scripting(XSS)** attacks.

BLOG APP [🔗](#) APR 2022 - MAY 2022

- Set up **Django** to build a complete backend that supports users authentication and registration with email verification, post, a comment system and search query **Q-objects** to get 100% accurate result.
- Every user has the option to create an account to be able to change their profile picture and various information.
- Deployed the project into **Heroku** using **GIT version control** system.

URL-SHORTNER WEBSITE [🔗](#) JAN 2022 - FEB 2022

- Developed an URL shortner web-app that **shorten** the lengthy url and hence can be accessed for **future**.
- **Integration of key Field** to get your favorite words/texts behind the domain url for 100% satisfaction.

JOB-APPLICATION REVIEW [🔗](#) OCT 2021 - DEC 2021

- Web-App that allows employee to check their application status (**accepted/rejected/on-assignment**) and employer can check their employee details.
- Structured an extensive backend **API** with **DJANGO-REST-FRAMEWORK** for basic CRUD operations.

QUIZ APP [🔗](#) AUG 2021 - SEP 2021

- Built a quiz application using help of **JS, HTML, CSS3** for frontend and used **Django** primarily for backend.
- Installed quiz app on Heroku Dev-Free Plan and slashed costs by 100%.

## FEW OTHER WEB APPS/Projects

\*INSTANT CV-MAKER [🔗](#) APR 2021 - MAY 2021

- Prepared CV-MAKER website where user would prompt to field all the necessary fields and in result a beautiful **CV** layout would be opted.
- Introduced **bytesio()** to save temporarily to render out CV 100% without caching it into database.

\*\*CELERY DOWNLOADER [🔗](#)

- Authored a web app that used **celery** as a task queue and **Redis** as a messaging broker to reduce 75% workload and to execute asynchronous tasks like fetching images through an API.
- Implemented **Celery-Beat** for periodic task, running the tasks every 1-minute to fetch image through an API.

\*\*\*WEB-SOCKET CHAT APP [🔗](#)

- Persuaded simple chat project using Django-Channels using both **Sync/ASync** Consumer for real-time interactions.

## Skills

**Languages:** Python, HTML5, CSS3, JavaScript, SQL

**Databases:** MySQL, PostgreSQL, Redis

**Framework:** Django, Django-Rest-Framework

**Tools:** Git, Github, Docker, Heroku, Postman, VSCode, Celery, Beautiful-Soup

## Education

TRIBHUVAN UNIVERSITY(TU). **Bachelor of Science(Major:Stat/Physics)**

JUN 2015 - MAY 2019