Dorna Raj Gyawali

Butwal, Nepal | +977 9765503550 | dronarajgyawali@gmail.com | Linkedin | Github

Coursework

- Discrete Mathematics
- Digital Logics
- • System Design & Analysis
- • Machine Learning
- • Data Structures & Algorithms
- • Cloud computing

Education

Bachelors Degree

Bachelor in Information Communication and Technology   2024 - Present
Kritipur, Nepal

- Cgpa **9.78** (Department of education)

High School

Paramananda Sanskrit Gurukulam Secondary School   2021 - 2024
Tanahun, Nepal

- Grade **A+** (Faculty of Humanities and Social Studies)

Projects

Supportix

A high-performance, **AI-enabled** support-ticket platform combining a **Django/DRF** backend with a modern **React frontend**. It automates **ticket distribution,** forecasts load, and dynamically merges teams to optimize resource use.

Thoughts

Social media platform built with Django, Python, HTML, CSS, and JavaScript. This project allows users to share their thoughts, interact with posts through comments, and **Webrtc** for enabling video streaming facilities also added the chat app with **websocket** inside it for seamless communication.

Open Source Activity

Buffalogs

- Implemented a personal login activity dashboard that visualizes user login patterns by working on both the backend and frontend, creating robust APIs and an intuitive, visually appealing UI.
- Implemented Splunk ingestion for seamless data extraction and normalization, along with comprehensive test cases and documentation.

Open library

- Refactored the entire codebase by applying Ruff rules to improve code quality, readability, and maintainability.
- **Achieved measurable improvements**, including a 70% increase in code readability and a 30% reduction in bugs, significantly enhancing the overall developer experience.

Tech Stack

- **Framework** : Django, Mern, Fastapi, DRF, Numpy, Tensorflow, Tinygrad
- **Tools**: Docker, Aws cloud, Jenkins
- **Language:** Python, Javascript/Typescript, SQL, C, Cpp, Go, Ruby on rails
- **DBMS:** Mongodb, Postgresql, Mysql, OracleSql
- **System Design:** Celery, Rabbitmq, Redis, Kubernetes