

KISHMAT BHATTARAI

Software Developer

Lalitpur, Nepal

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EDUCATION

Tribhuvan University

BSc. Computer Science and Information Technology - 83.86%

October 2018 - October 2023

Kathmandu, Nepal

Kathmandu Model College

Science - 3.51 GPA

June 2016 - June 2018

Kathmandu, Nepal

Mahakavi Devkota H.S.S

SLC - 3.80 GPA

April 2018

Sunwal, Nepal

EXPERIENCE

Mercantile Cloud

Python Developer

April 2024 – Present

- Worked on Document Extraction using Machine Learning and building QnA using LLM
- Worked on Cloud Services: Lambda function using Python and integrating with other AWS and Azure services for Email Bot Application

KonnectCraft

Software Engineer

November 2023 – March 2024

- Worked on more feature addition in Deal Management System built in React, Django
- Started development of version 2 of the Front-end using Nextjs and other latest tools like Storybook

KonnectCraft

Software Engineer Intern

May 2023 – August 2023

- Created Vehicle Management System in React, Django, also integrated Deep Learning model with Flutter App
- Worked on feature addition in Deal Management System built in React, Django, Flask and dev tools like Docker
- Experienced working on software engineering culture, industry standard convention

ScoopBird

Software Developer

February 2023 – May 2023

- Developed Article Classification System for newsletter using Machine Learning.
- Wrote scripts to create a curated post from the data scraped from different news site using Python
- Developed front end for the ScoopBird newsletter using Tailwind and ReactJS
- Created terminal based meroshare automation tool using Python to apply, check result, and get updates

Neutroline

Web Developer

June 2022 – December 2022

- Worked with the team in developing the Office Management System in Core PHP
- Feature addition to the ongoing development project coordinating with other developers using Javascript, PHP, HTML/CSS

PROJECTS

Nepshorts | Flutter, Python, Langchain, OpenAI, FastAPI | [Download App](#)

November 2024

- App to read Nepali news in English and Nepali in 60 words in different category
- Generate podcast from news and Chat service to query on today's news

Personalized LLM | Python, Langchain, Ollama | [Source Code](#)

May 2024

- Get the LLM to give response based on the document of your choice
- This application uses RAG approach, Langchain and Ollama to run model in your local machine

Attendance Management System | NextJS, DRF, Docker, Minio

June 2023

- Application to manage attendance of the employee by maintaining checkin and checkout time.
- Dockerized service for backend, frontend, database and file storage using Minio.
- User can check-in/out by scanning QR code assigned to them and also upload the documents necessary.

Post Classification System | Python, Flask, Pandas, Numpy, Sqlite3 | [Source Code](#)

January 2023

- A website where the people can read posts and discuss on different categories of their interest easily.
- Classifies user's post on some category using Natural Language Processing (NLP) and Machine Learning on the basis of text on the post

Meroshare Bot | *Python, Playwright* | [🔗 Source Code](#)

December 2022

- A automation tool that applies IPO for the desired openings listed in meroshare by CDSC.
- User can easily use the application by cloning repo and mainting txt file locally for credential

Book Recommendation System | *Python, Flask, Pandas, Numpy* | [🔗 Source Code](#)

January 2022

- A website with collections of top-read books with the functionality of a recommendation system using Flask
- It recommends the book on the basis of chosen books using a Machine Learning algorithm.

TECHNICAL SKILLS

Languages: Python, TypeScript, HTML/CSS, JavaScript, Go, SQL

Frameworks & Libraries: Django, Flask, Flutter, Django Rest, ReactJS, NextJS, Playwright, Langchain

Core Subjects: DSA, DBMS, AI, Networking, OS, System Design, Cloud Computing

Tools and Technologies: VS Code, GitHub, Docker, AWS, Azure, Jupyter, Vim, LLM, RAG

EXTRAS

Language: English, Nepali, Hindi

Interest: Math, Problem Solving, Writing Blogs

CERTIFICATIONS

- Django Framework - CSITAN Rupendehi
- Networking Bootcamp - CSITAN Chitwan
- HTML, Javascript Bootstrap - Udemy
- C++ for C Programmers - Coursera