

Prasant Bagale

Software Developer

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EDUCATION

Bachelors of Science in Computer Science and Information Technology

Indreni College

2016 - 2021

Project

- Major final year project:
[Shopping Comparison App: ShopVia]

WORK EXPERIENCE

Flutter Intern

Switv Technologies

01/2022 - 04/2022

Switv Technologies

Achievements/Tasks

- Learned and practiced many soft skills, such as team-work, and effective communication.
- Learned and practiced Git.
- Learned and practiced to create UI and Widgets.
- Learned and practiced working with API in [Bhavika](#) (an Ecommerce app) and other in-house apps.

Junior Flutter Developer

Switv Technologies

04/2022 - 10/2022

Achievements/Tasks

- Learned Provider and BLoC state managements.
- Learned and practiced Clean Code Architecture.
- Worked in Real Life Projects related to eCommerce and Education([Stem Unicorn app](#), [SMEGO](#), [Citi977](#), etc)

Affiliate Marketer

Self

11/2022 - Present

Achievements/Tasks

- Learned Keyword Research, SEO & WordPress Optimization Techniques.
- Developed and executed marketing strategies to promote products of partnered companies.
- Utilized various digital platforms (e.g. blogs, social media, email marketing) to reach target audiences and drive sales.

SKILLS

Python(Flask, Numpy, Pandas)

LLMs

langchain

Data Visualization

Machine Learning

AWS

Dart and Flutter

Git

PyTorch

PROJECTS

Sentiment Analysis of Nepali Text (07/2023 - 08/2023)

- **Techniques & Tools:** Python, NLTK, Scikit-Learn, SVM, TF-IDF, GridSearchCV, Streamlit.
- Got Dataset from Kaggle, Implemented Text Preprocessing, Vectorization, trained and tested the model based on different hyperparameters.
- Developed a Streamlit application that Shows Positive, Neutral and Negative sentiments to the user based on their inputs.

Chat Interface for Website Content Interaction (08/2023 - Present)

- **Techniques & Tools:** Python, Streamlit, Langchain, OpenAI API, Huggingface, & FAISS
- Fetched the data using Langchain & Conducted text preprocessing and implemented CharacterTextSplitter for optimal data handling.
- Utilized HuggingFaceHubEmbeddings for transforming text into dense vector embeddings.
- Employed Faiss (Facebook AI Similarity Search) for efficient similarity search in vector storage.
- Used both **google/flan-t5-base** and **OpenAI API** for Q&A

CERTIFICATES

Generative AI with Large Language Models (Coursera) (09/2023 - 10/2023) [🔗](#)

Skills Gained: Generative AI, LLMs, large language models, Machine Learning, Python Programming

Natural Language Processing with Classification and Vector Spaces (Coursera) (09/2023 - 09/2023) [🔗](#)

Skills Gained: Machine Translation, Word Embeddings, Locality-Sensitive Hashing, Sentiment Analysis, Vector Space Models