Prasant Bagale

Software Developer

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EDUCATION

Bachelors of Science in Computer Science and Information Technology
Indreni College

2016 - 2021   *Percentage: 73.62*

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

WORK EXPERIENCE

Junior Flutter Developer
Swivt Technologies

01/2022 - 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)

Digital Marketer
Self

11/2022 - 12/2023

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.

Junior AI/ML Developer
Icebrkr

03/2024 - 06/2024

Achievements/Tasks
- Data preprocessing and feature engineering for model enhancement.
- Machine learning model selection and performance evaluation.
- Natural Language Processing (NLP) and Computer Vision
- LLM Fine-tuning & Recommender Systems

SKILLS

Python(Flask, FastAPI)   LLMs   Langchain

Pandas   Data Visualization   Machine Learning

AWS   Dart and Flutter   Git   PyTorch

PROJECTS

Nepali Text Summarization with MBart (02/2024 - 03/2024)
- Developed a Nepali text summarization model by fine-tuning the MBart model using the Transformers library.
- Preprocessed data, including tokenization and data mapping, and configured training arguments for the fine-tuning process.
- Utilized the Rouge metric for evaluation, focusing on the rouge2 score for precision, recall, and F-measure.

Web Novel Recommendation System (08/2023 - 09/2023)
- Developed a recommendation system by scraping data from websites to create a dataset of 15,000 books.
- Utilized sentence embeddings from Hugging Face and integrated with Facebook AI Similarity Search (FAISS) for efficient similarity search.
- Created endpoints and data fetching mechanisms using FASTAPI, and deployed the project on Hugging Face Spaces using Docker.

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