

Kishan Adhikari

+977 9849796907 | adhikarykishan11@gmail.com | linkedin.com/KishanAdhikari | github.com/KishanAdhikari

EDUCATION

Institute of Engineering, Thapathali Campus

Bachelor in Computer Engineering

Thapathali, Kathmandu

May 2021 – May 2025

Banepa Nist School

+2 Science

Banepa, Kavre

2019-2021

EXPERIENCE

Freelancer - Upwork | *Web Scraping and Data Processing*

Dec 2023 – Present

- Built web scrapers to extract data from various websites, including authenticated and CAPTCHA-protected sites.
- Implemented a crawler for the OpenSanctions project using a custom Python ETL framework.
- Stake Crash Alert: Developed a high-performance Playwright-based bot for 24/7 Stake Crash game monitoring with real-time Telegram alerts.

Maskey Consulting | *Software Engineer - AI and LLM*

Jan 2025 – May 2025

- Scraped dental blogs from various websites using BeautifulSoup.
- Utilized Gemini API to paraphrase, summarize, and convert content into Markdown format.
- Automated content processing with AWS Lambda triggered by EventBridge schedules.
- Stored generated Markdown files in S3 and integrated them into a Next.js frontend.
- Implemented RAG pipeline for PDF to quiz and flashcard generator Application

PROJECTS

Nepali News Summarizer | *Python, Flask, React, mT5, mBART, Beautiful Soup*

Dec 2023 – March 2024

- Utilized mT5 and mBART models for fine-tuning on a dataset of Nepali news articles.
- Deployed the project using Docker containers.
- Created a web scraper using Beautiful Soup to extract text from Nepali news sites.
- Automated the data gathering process using web scraping techniques with Beautiful Soup and Selenium.

Handwriting Synthesis and Cloning | *BigGAN, Transformer*

May 2024 – May 2025

- Built a generative model using a combination of BigGAN and Transformer for handwriting synthesis and style cloning.
- Collected and cleaned a custom English handwriting dataset for training.
- Trained the model to generate realistic handwritten text and clone writing styles from sample inputs.
- Focused on generating diverse and legible handwriting samples while maintaining stylistic consistency.

SKILLS

Programming Languages: Python

DevOps & Cloud Tools: AWS (Lambda, S3, EventBridge), Docker, Linux

AI & Machine Learning: PyTorch, Retrieval-Augmented Generation (RAG), GAN, OpenCV

Databases: PostgreSQL, MongoDB

Backend: FastAPI, Flask, Django

Data & Other Tools: Pandas, Shell Scripting, Pydantic