Kishan Adhikari

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

EDUCATION

Institute of Engineering, Thapathali Campus   Thapathali, Kathmandu
Bachelor in Computer Engineering   *May 2021 – May 2025*

Banepa Nist School   Banepa, Kavre
+2 Science   *2019-2021*

EXPERIENCE

Smart Contents Nepal | *AI Application Developer*   July 2025- November 2025
- Developed efficient chunking and PDF parsing techniques to handle complex Japanese documents.
- Built a web crawler to convert entire websites from a given URL into structured Markdown format.
- Integrated YouTube Data API and Google OAuth for automated caption extraction from videos.
- Engineered chatbot memory, caching, and context management systems for multi-turn conversations.

Maskey Consulting | *Software Engineer - AI and LLM*   Jan 2025 – July 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.

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.
- Stake Crash Alert: Developed a high-performance Playwright-based bot for 24/7 Stake Crash game monitoring with real-time Telegram alerts.

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 , Docker, Linux
AI & Machine Learning: Pytorch,Retrieval-Augmented Generation (RAG), Computer Vision, LLM, AI Agents
Databases: PostgreSQL, MongoDB, Redis
Backend: FastAPI
Data & Other Tools: Pandas, Pydantic AI, Langchain, Langgraph, Web Scraping