Arya Shakya

Jawalakhel , Lalitpur • 9803743155 • ryaashakya@gmail.com

@ https://www.linkedin.com/in/aryashakya/   @ https://github.com/Aryashakya   https://www.aryashakya.com.np/

EDUCATION

Bachelors of Engineering in Computer Engineering   Dhulikhel

Kathmandu University   Aug, 2019 - Present

PROJECTS

Aakhah : Nepal Lipi Text Recognition System

- A system for recognizing handwritten as well as typed texts in Nepal Lipi and converting physical documents into a digital version using the CRNN CTC architecture.

- Prepared dataset for Nepali Lipi and developed the text recognizer model using Keras and TensorFlow.

https://aakhah.vercel.app/demo

HeritageKunja Mobile Application

- A cross-platform mobile application built using Flutter and Firebase that provides a medium to learn and share information related to cultural heritage.

- Transformed Figma wireframes into user-friendly interfaces and developed functionality for likes, comments, and replies.

Food Delivery Website

- A food delivery website built using MongoDB, Expressjs, and NodeJS for viewing and ordering food, along with an admin panel to manage orders.

eLedger

- A transaction management system built using Qt for a graphical user interface and SQLite as a database that allows users to store and view their transactions.

Financial Calculator

- A mobile application built using Flutter that can be used to calculate taxes such as income taxes and vehicle taxes, and interest payments (EMI).

Text Summarization System

- An abstractive text summarization system built using the encoder-decoder Transformer model to generate a concise summary of lengthy texts.

SKILLS

Python, Tensorflow, Numpy, Pandas, Scikit-learn, Matplotlib, OpenCV, Keras, React.js, firebase, Flutter