

Arya Shakya

Jawalakhel, Lalitpur • 9803743155 • ryaashakya@gmail.com



[in @ https://www.linkedin.com/in/aryashakya/](https://www.linkedin.com/in/aryashakya/) [@ https://github.com/Aryashakya](https://github.com/Aryashakya) <https://www.aryashakya.com.np/>

EDUCATION

Bachelors of Engineering in Computer Engineering

Dhulikhel

Kathmandu University

Aug, 2019 - Present

GPA (Semester-wise): 4.0, 3.485, 3.68, 3.9, 3.95, 3.84

CGPA : 3.8

School Leaving Certificate (SLC)

Lalitpur

United Academy

Feb, 2017 - Feb, 2019

CGPA : 3.54

Secondary Education Examination (SEE)

Lalitpur

Shuvatara School

Feb, 2014 - Jan, 2017

GPA : 3.65

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.

- Built responsive user interfaces using HTML, SCSS, and JavaScript and developed functionality to perform CRUD operations on MongoDB database.

<https://github.com/ashutoshbr/Laptey>

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.

<https://github.com/ashutoshbr/e-Ledger>

Financial Calculator

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

- Developed functionality for calculating interest and configured the project for iOS.

<https://github.com/SarinSthapit/Financial-Calculator>

Text Summarization System

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

- Trained a custom encoder-decoder transformer model on news datasets on Kaggle using TensorFlow and Keras.

<https://github.com/SarinSthapit/Text-Summarization-System>

SKILLS

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

REFERENCES

Dr. Rajani Chulyadyo - *Assistant
Professor*

Kathmandu University, Department of
Computer Science and Engineering
rajani.chulyadyo@ku.edu.np