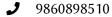
# Srija Uprety

Machine Learning Computer Vision



srijauprety76@gmail.com

linkedin.com/in/srija-uprety

#### **EDUCATION**

#### **Fusemachines AI Fellowship**

Machine Learning

Kathmandu, Nepal 2022 - 2023

2019 - 2023

#### **Trinity International College**

Kathmandu, Nepal Computer Science and Information Technology

**SKILLS** 

Python

TensorFlow · Docker · Linux

English · proficient

#### **EXPERIENCE**

#### **Bottle Technology**

**Computer Vision Trainee** 

Jhamsikhel, Lalitpur 2022-2023 (8 months)

- Used yolov7 for object detection and implemented it on Jetson Nano.
- Performed Line segmentation for detecting license plate charac-
- Implemented image preprocessing techniques like otsu binarization, Niblack algorithm, Morphological processing.
- Deployed applications on Docker.

#### REFERENCES

2023 Sangam Khanal Lead ML Engineer

sangam@bottle.com.np

#### **Fusemachines AI Fellowship**

Microdegree

Kathmandu, Nepal 2022 - 2023

- Machine Learning
- Deep Learning
- Computer Vision

## **PROJECTS**

#### **Growing Neural Cellular Automata**

Tools used: Python, Tensorflow, Gradio

• A system that enables the generation of intricate structures in three dimensions, as well as simulating the development of multicellular structures starting from a single cell.

### **Time Series Analysis**

Tools used: Python, Jupyter Notebook, Keras, Sklearn, TensorFlow

• A time series model using lstm and arima to simulate the predictions of stocks with longitudinal data.