

Suju Roirala

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GitHub — LinkedIn

Summary

A highly motivated developer with a solid foundation in software development. Proficient in problem-solving, collaboration, and delivering innovative solutions.

Projects

Youtube Comment Guardian: Major Project

Technologies: ReactJS, Python, Pytorch, Spacy, Pandas

- Finetuned BERT based models for detection of abusive and hateful text comments in YouTube platform for both Nepali and English language
- Regulate Youtube videos in real-time using Youtube Data API.

Signature Verification System : Minor Project

Technologies: Python, TensorFlow, YOLOv8, ReactJS, Node.js

- Implemented YOLOv8 to accurately extract signatures from documents.
- Developed a Deep Siamese Neural Network for signature similarity comparison and verification.

Moniker Maven: Discover Perfect Name

Technologies: React, Tailwind CSS, Express.js, LLMWare Model

- Developed a web application for generating and exploring names for babies and pets based on origin, meaning, and popularity.
- Integrated LLMWare models to enhance name suggestions and personalization categorized by gender, origin, and other criteria.

PawRover: Connect pet lovers with homestays

Technologies: React, Tailwind CSS, Shepherd JS

- Developed a platform to find reliable pet-sitters by pet owners
- Implemented interactive tour for new users

Education

Bachelor of Computer Engineering

2021-2025

XYZ Campus, IOE, Lalitpur

Relevant Coursework: Database Management Systems, Applied Data Science, DSA. Artificial Intelligence

+2 Science, NEB

2018-2020

STYC College, Chahar, Kathmandu

Skills

- **Languages:** Python , C/C++ , JavaScript , SQL , Latex
- **Technologies:** React, Tailwind CSS, Numpy, Pandas, Pytorch, Tensorflow, Git/Github, MongoDB, NodeJS/Express, Linux
- **Others:** Strong communication skills, Teamwork and Collaboration

Additional Information

- **Certifications:** Artificial Intelligence Course , Software Fellowship Mentor
- **Languages:** Nepali (Fluent), English (Fluent)