SANDESH PAUDEL

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EDUCATION:

Bachelors in computer engineering

Pokhara University ,NCIT

Kathmandu ,Nepal

2017 - 2022

TECHNICAL SKILLS

Programming: SQL Python Flask OOP Software development

Data Science: Machine Learning algorithm Pandas numpy Tensorflow Sklearn

Data visualization: Kibana Tableau Metabase Jupyter notebook

Mathematics: Statistics calculus Linear algebra

Machine learning: Natural language processing Image processing CNN RNN

SOFT SKILLS

Lead a 4-member engineering team and coordinated with business partners toward the successful launch of a Project.

LANGUAGE

English Nepali Hindi

INTEREST

- Listening to podcast/ Audio books
- Chess
- Reading Books

EXPERIENCE

Eydean Inc. --- Data scientist

nov 2021 - Present

Eydean is an ERP CRM driven company with having multiple clients globally.

- Build a data pipeline with ELK stack and GraphQL for creating a sales analysis dashboard.
- Perform **ETL** on different databases and build a data warehouse.
- Design the database for some projects.
- Work on the server side using **Docker**, **Nginx**, **Digital ocean droplets**
- Created a sales forecasting model using **ARIMA**, **SARIMA,** and **LSTM** and got **85% accuracy**.
- Report sales visualization using **Metabase** and **jupyter notebook.**
- Worked on a project on an open-source map using **networkx** , **osmnx** , and **folium.**

Technocolabs Softwares ---Machine learning intern

Oct 2021 - nov 2021

- Worked on a project called Spotify skip prediction.
- In this project, we performed some **EDA** and train a Machine Learning Model to predict if a user will skip the song or not on Spotify using **Python** and its **machine learning models.**
- We got 88% of accuracy on the SVM model and 90% of accuracy on the LSTM model.
- Finally, we deploy the model using **Flask** and **Heroku**.

PROJECTS

1. **Brain-tumor Detection Using CNN**
   - Made a **machine learning model** which detects whether the patient had a tumor or not based on the MRI image of the data.
   - We did some **image processing** and trained the model using **CNN** and got 94% of accuracy.
   - We deployed the model into **Heroku**.
   - We used **FastAPI** for the backend.
   - **GitHub** link