


RAHUL PARAJULI

MACHINE LEARNING ENGINEER / BACKEND DEVELOPER

CONTACT

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SKILLS

Programming:

- Python, Django, FastAPI, Flask, Java, Javascript, reactJS.

Database:

- MongoDB, Postgres and mysql.

Data Science:

- Machine Learning Algorithms, Pandas, Numpy, Tensorflow, Sklearn, pytorch, openCV, NLP and scipy.

Data Engineering:

- ETL and ETLT using pandas and SQL.
- ELK stack(Elastic search, logstash, kibana)

Server:

- Docker, NGINX, AWS.

EDUCATION

Bachelors in Computer Science.

Herald College, Kathmandu,
affiliation - *University of Wolverhampton*

February 2019 - March 2022

- **First Class** Honors.
- Awardee of first runner up in Devfest.
- Final year project – Accident detection.
- Foundational course on machine learning from Fusemachines.

VOLUNTEERING

ING Skill Academy

- Curated a **week long workshop** related to AI with mass audience of **450** people.

Community Leader - Devcorp AI learners

- Got actively engaged in team collaboration, project planning, and formulation for months.
- Operated in the **R&D department** to create 2 major web-based and AI projects for the **AI Expo 2021** event with a team of 7 people



PROFILE

As an experienced software developer with over a year of hands-on professional experience, I possess a wide-ranging skill set in software development and design. I am highly proficient in developing software applications that meet the unique needs of businesses, including analyzing requirements, designing and implementing software solutions, debugging, and maintaining software systems.

WORK EXPERIENCE

Backend AI Developer

Tekkon Technologies Nepal - [visit](#)

February 2023 - Present

- Worked in vision based technologies such as **OpenCV**, Cuda, **Pytorch**, Torchvision, **YOLO**, Tensor and Gstreamer.
- Worked closely with international clients to build AI powered models.
- Hybrid working culture has certainly made impact in my life to work remotely and have a great team to work with.
- Built a **chatGPT** powered application to achieve AI powered interactive bot for the company.

Machine Learning Engineer / Backend Developer

Eydean Inc - [visit](#)

August 2021 - February 2023

- **LSTM**, **SARIMA**, and **ARIMA** models were used to estimate revenue with 88% accuracy rate for organizations that had recently been incorporated.
- Built a **chat bot** for 2 different clients from different domains and ideology.
- Developed a **recommendation system** for 1000's of users utilizing content-based filtering approach-- [Ramailogames](#).
- Worked on numerous projects as a backend developer using FLASK for a community based platform -- [bookgara](#), [foodbusters](#) handling 100's of users.

PERSONAL PROJECTS

American_startup_profit_prediction - [visit](#)

- Flask application powered with machine learning model to predict the profit based on different features such as expenditure, Administrations and State.

Streamlit Data visualization app - [visit](#)

- Streamlit UI where data visualization is done automatically without writing single line of code, user can also build a full fetched machine learning model where data preprocessing technique happens automatically.

Information Extractor - [visit](#)

- Using OpenCV to extract necessary information from a structured invoice and transferring that data into digital form.

Parking Management System - [visit](#)

- Django based project where user can book parking where parking has only 4 slots and condition is to consider pre booking just 24 hour before and not late than 1 month.

OpenCV tutorials - [visit](#)

- Basic tutorial for openCV learners - image manipulation, operators, color spaces with some real life implementation and well explained documentation.