

# Rahul Parajuli

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## Contact Info

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## Skills & Proficiencies

### Programming:

- Python, Flask, Javascript, reactJS, django, FastAPI.

### 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 side:

- Docker, Nginx.

## Work Experience



**Machine Learning Engineer / Backend Developer**, Eydean Inc, Lazimpat, Kathmandu.

March 2022 - PRESENT

[Visit Company](#)

- **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.
- Constructed a data pipeline using the **ELK** stack, and displayed sales which has increased the productivity with 90% for a corporate business.
- 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.
- Utilized **folium**, **networkx**, and **osmnx** to work on open source modules to optimize the shortest path finding by 50%.
- Got hands on opportunity to learn for 4 months and work with, **DOCKER**, **NGINX** and various cloud service such as **AWS**.

**Community Leader**, Ai Learners community - a devcorp organization, Naxal, Kathmandu.

August 2019 - March 2022 (2 years 8 months)

- Served as a **coordinator** of many events for graduates of 4 different sister companies.
- Curated a **week long workshop** related to **AI** with mass audience of **450 people**.
- 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.

**Language:** English, Nepali, Hindi.

**Soft skills:** Communication, Organization, Leader, Googling, decision making, Teamwork, Creativity and Work ethic.

**Interest:** Books, go on a ride more than 20 km, watch movies-(IMDB preferred) and love teaching.

## Education



Bachelors in Computer Science.

Institution: Herald College, Kathmandu,

*affiliated with 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**.

## Projects

EYchat: [Link](#)

Sales forecasting: [Link](#)

Flask calendar application: [Link](#)

OpenCV tutorials: [Link](#)

Accident Detection and Alert System: [Link](#)

For More projects -- [Visit Link](#)