

# Kshitish Pokharel

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## Work Experience

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### Cotiviti Nepal Pvt. Ltd.

Kathmandu, Nepal

Software Engineer

Apr 2020 – Oct 2021

- Created SQL scripts as per client's requirements which removed fraud claims from client's data resulting in increase of client's annual revenue.
- Developed python scripts to automate the execution of ETL where data were loaded to production tables from various file formats (csv, txt, excel) and verified which saved hours of manual ETL.
- Developed analytics dashboard using Python libraries like Dash, Plotly and Flask which provided real-time insight on tickets assigned to team and generated reports for given time frame.
- Monitor client's daily data processing and hot fix the issues during processing.

### Cotiviti Nepal Pvt. Ltd.

Kathmandu, Nepal

Trainee

Jan 2020 – Mar 2020

- Acquired Knowledge on Java, PL/SQL, Linux, Shell Scripting, Angular, Agile methodologies
- Gained an understanding of US Healthcare

## Projects

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### Mantis Dashboard

- Developed analytics Dashboard to track and visualize tickets assigned to the team and generate reports using Python.
- Imported data from database by executing a SQL statement in Python and generated table was processed using Python libraries like Pandas and NumPy which was finally displayed in webpage using Html, CSS and JavaScript.

### Game Bot - Machine Learning

- Designed a flappy bird game using pygame and implemented NEAT (Neural Evolution of Augmented Topology) algorithm to create artificial neural networks which gradually evolves to achieve high score.

### Himalaya Book Web

- Built an ecommerce website built using Html, MySQL and Java where users can perform CRUD (Create, Read, Update, Delete) operations.

### RedditNepal - Social Clone Project

- Developed a social network using Django web framework, Html, CSS and Bootstrap where user can create, update and delete a post.

## Education

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### Tribhuvan University

Kathmandu, Nepal

Bachelor of Computer Engineering

2018

## Skills

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**Programming Languages:** Python, Java, C++, C#, JavaScript