



Raj Kumar Tamang

Enthusiastic about Python and Data Science, with a keen interest in learning data engineering.

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rajtmg23
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Summary

Passionate about Python, proficient in Selenium and Flask. Skilled in data analysis using NumPy, Pandas, Matplotlib, and Seaborn. Knowledgeable in SQL databases, actively learning data engineering. Eager to contribute expertise to innovative projects.

Certifications

Career Essentials in Software Development by Microsoft and LinkedIn

Microsoft Collaboration with LinkedIn

<https://rb.gy/1wnbs1>

* Developed an understanding of programming core concepts. * Discover the structure of programming languages.
* Learned foundational programming concepts, practices, and terminology

Web Design Training

Broadway Infosys

2022-01-29

<https://t.ly/var4h>

The course covered the usual subjects of HTML, CSS, JavaScript, jQuery, web design concepts, user experience, and responsive design.

Data Science with Python

Broadway Infosys

2023-02-01

<https://t.ly/A4edT>

Learned the main concepts of python programming and the better understanding in data analytics machine learning, data visualization, web scraping and data visualization.

Python for Data Science, AI & Development

Coursera Collaboration with IBM

<https://t.ly/TJcPP>

Mastered Python fundamentals, advanced programming logic, and essential libraries (Pandas, Numpy, Beautiful Soup). Applied skills in accessing web data through APIs and web scraping, demonstrated in Jupyter Notebooks.

Databases and SQL for Data Science with Python

Coursera Collaboration with IBM

2023-11-23

<https://t.ly/vdkaJ>

Knowledgeable in analyzing database data with SQL and Python. Skilled in creating and managing relational databases, constructing queries with DML commands, and employing advanced SQL techniques such as views, transactions, stored procedures, and joins.

Foundational C# with Microsoft

freeCodeCamp

<https://shorturl.at/cnuT5>

Learned the fundamentals of C#, including variables, data types, control structures, and object-oriented programming principles covering its core concepts, syntax, and practical application in software development.

Experience

Nepal Government

2012-12-01 -

System Support Specialist

- Data Security: Ensured data protection and security in network and systems. - Automation: Implemented solutions to streamline processes and improve accuracy. - Collaboration: Resolved software-related issues through cross-functional teamwork. - Customer Issue Resolution: Addressed customer concerns promptly in collaboration with developers.

Kanakai Multiple Campus

2010-03-01 - 2012-01-01

Administrative Assistant

- Entered data and generated reports from various sources, ensuring accuracy and completeness. - Edited and formatted documents and presentations for accuracy, clarity, and consistency. - Provided administrative support to multiple departments, including scheduling, coordinating meetings and events, and taking minutes.

Projects

Morning Walk Tracker

2022-11-12 -

Visualize distance covered during morning walk.

<https://paxe.la/v1/users/rajtmg/graphs/graph01.html>

* Developed a Morning Walk Tracker Visualizer using the Paxe.la API. * Implemented seamless integration to visualize and track morning walk data, showcasing practical API usage in a real-world project.

Facebook Birthday Wisher

Auto post Birthday Messages on Facebook friends timeline.

<https://replit.com/@rajtmg/facebookbithdaywisher>

* Designed and implemented a Python script for automated birthday wishes on Facebook. * The script checks for friends' birthdays daily and autonomously posts heartfelt birthday messages on their timelines.

TMS Automation Project

Automated stock trading

<https://github.com/rajtmg23/tms-automation>

Automated stock trading with a Selenium and Python script, placing orders within specified price ranges and notifying users via email.

Python Project For Data Engineering

ETL Automation Python Scripts

<https://github.com/rajtmg23/Python-Project-for-Data-Engineering>

Designed and implemented Python ETL scripts for efficient extraction, transformation, and loading of data from diverse sources into various formats. Demonstrated versatility in handling data extraction challenges and ensuring seamless integration through automated processes.

Guided Project

"Movie Ratings and Reviews Manager with Flask"

<https://github.com/rajtmg23/flask-fav-movies>

"Flask Movie Manager: Rate, review, and organize your favorite films seamlessly. Utilizing Flask and SQLAlchemy, it offers an intuitive interface to add, rate, and review movies. Integrated with TMDb for fetching movie details. Explore and manage your movie collection with ease!"

Guided Project

Flask Book Tracker

<https://github.com/rajtmg23/flask-library>

Flask Book Tracker is a lightweight web application built with Flask that allows users to keep track of their reading list. Users can effortlessly add new books, providing details such as title, author, and rating. The intuitive interface makes it easy to manage and view your book collection. Whether you're an avid reader or simply looking to organize your reading list, Flask Book Tracker is the perfect solution. Get started by adding your favorite books today!

Skills

Data Analysis

Excel, Numpy, Pandas, Matplotlib, Seaborn, SkLearn

Tools

Git, Github, Vscode

Python

Selenium, Flask, Tkinter

Others

Autohotkey, Power BI, SQL, HTML, CSS, Javascript, C#

Education

Balmiki Providence College

High School

Major Subjects: * Computer Science * Accountancy

Kanakai Multiple Campus

Bachelor in Business Studies

Major Subjects: * Finance * Statistics

