

# Bibek Rai

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<https://bibekrai44.github.io>

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## EDUCATION

### Tribhuwan University, Nepal

Bachelor in Computer Science and Information Technology (CSIT)

March 2019 – March 2025

## WORK EXPERIENCE

### Freelancer (Remote)

Freelance Developer

[classicohospitality.com](https://classicohospitality.com)

April 2024 – Present

- Designed and developed responsive websites for restaurants.
- Built and hosted websites online using HTML, CSS, and JavaScript.
- Optimized websites for performance, SEO, and mobile responsiveness.

### Code For Nepal (Remote)

Data Science Fellow

July 2023 – March 2024

- Completed DataCamp projects like Analyzing International Debt Statistics and Customer Analytics.
- Applied machine learning algorithms for model development and improvement.

### CodeClause (Remote)

Data Scientist (Intern)

December 2022 – January 2023

- Completed two data science projects: Loan Approval Analysis and Heartstroke Analysis.
- Conducted data preprocessing, ETL, EDA, and visualization using Python libraries.

### Infinite IT Solutions Nepal (Biratnagar)

Frontend Developer (Intern)

June 2022 – July 2022

- Worked on a web project from scratch using Bootstrap and PHP.
- Gained experience with XAMPP and PhpMyAdmin tools.

## SKILLS

**Data Science:** Python, SQL, Pandas, Matplotlib, Seaborn, Scikit-Learn, Tableau, Excel, Web Scraping, CI/CD, Business Analytics, Power BI

**Others:** Git, PostgreSQL, Flask, Streamlit, HTML5, CSS3, JavaScript, C, C#, Markdown, Vercel, Blogging, Sqlite

## PROJECTS

### Harvest Nepal — [harvest-nepal.onrender.com](https://harvest-nepal.onrender.com)

HTML, CSS, JavaScript, Python, Flask

A platform providing crop harvesting suggestions including fertilizer recommendation and plant disease detection.

### Restaurant Website Development — [classicohospitality.com](https://classicohospitality.com)

HTML, CSS, JavaScript, Vercel, Hosting

Developed and hosted modern, responsive restaurant websites for clients such as Classico Hospitality.

### Nepal Trekking Analysis — [GitHub](https://github.com)

Matplotlib, Seaborn, Scikit-learn

Provided insights into Nepal's trekking destinations based on price, altitude, and duration.

### MeroJOB Analysis — [GitHub](https://github.com)

Numpy, Pandas, Seaborn, Scikit-learn

Analyzed Nepal's top job posting platform using web scraping and ML models.

**College Finder Nepal** — [GitHub](#)

*Numpy, Pandas, Seaborn, Matplotlib*

Built a system to help users find colleges in Nepal by location and budget.

**Nepal Livestock Analysis** — [GitHub](#)

*Numpy, Pandas, Seaborn, Matplotlib*

Analyzed livestock data in Nepal for better insights and reporting.

**Evento** — [GitHub](#)

*HTML, CSS, JavaScript, Flask, Sqlite*

An event-sharing platform where users can organize and attend events easily.

**Phishing Site Detection** — [GitHub](#)

*Scikit-learn, Flask, Python, RandomForestClassifier, HTML, CSS*

Built a web app that detects phishing URLs using machine learning.