

Bibek Rai

Biratnagar, Nepal — 9815070932 — bibekrai655@gmail.com
<https://bibekrai44.github.io>

EDUCATION

Tribhuwan University, Nepal *March 2019 – March 2025*
Bachelor in Computer Science and Information Technology (CSIT)

WORK EXPERIENCE

Freelancer (Remote) *April 2024 – Present*
Freelance Developer
classicohospitality.com

- 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) *July 2023 – March 2024*
Data Science Fellow

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

CodeClause (Remote) *December 2022 – January 2023*
Data Scientist (Intern)

- 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) *June 2022 – July 2022*
Frontend Developer (Intern)

- 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

HTML, CSS, JavaScript, Python, Flask

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

Restaurant Website Development — classicohospitality.com

HTML, CSS, JavaScript, Vercel, Hosting

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

Nepal Trekking Analysis — [GitHub](#)

Matplotlib, Seaborn, Scikit-learn

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

MeroJOB Analysis — [GitHub](#)

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.