

Yasamber Rai

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🐙 [Github](#)

🌐 [Linkedin](#)

📁 [Portfolio](#)

I am currently striving to achieve my goal of becoming a Data engineer. I am also a freelance Copywriter. I also write blogs about data science while learning to build it. Certified by Harvard (CS50) and freeCodeCamp, I love problem solving and logical thinking.

EDUCATION

Jubilant Elite Academy

2019 - 2021

SEE - **Grade - 3.85/4**

Pulchowk, Lalitpur

Nepal Don Bosco College

2021-2023

+2 Science - **Grade - 2.78/4**

Sanagaun, Lalitpur

SMK Aukštoji mokykla

Currently Enrolled

Bachelor in programming and multimedia

Vilnius, Lithuania

COURSEWORK

- Programming Fundamentals
- Operating System
- Computer Networks
- Big Data Technologies
- Mathematics
- Database Management System

PROJECTS

LIBRARY MANAGEMENT SYSTEM [🔗](#)

2025

- Built a database to manage books, members, and borrowings.
- Enabled real-time tracking of book availability and overdue returns.
- Designed normalized tables with foreign keys and constraints.
- Created views like overdue books and optimized with indexes.
- Included sample data and queries for quick setup and testing.
- **Tools-Used:** SQL

VISA PREP TOOL [🔗](#)

2025

- Built a command-line app to practice common visa interview questions interactively.
- Allows users to add custom questions and view model answers after attempting their own.
- Developed menu-based logic with Python's built-in features and JSON file handling.
- Designed for offline use, helping users build confidence through repeated practice.
- **Tools Used:** Python

SKILLS

Technical Skills: Git, Github, C, C++, Canva, Python, SQL

Soft Skills: Problem Solving, Leadership, Communication, Public Speaking & Teamwork, Critical thinking, Song-Writing

Languages: English (Fluent), Nepali (Native), Hindi (Fluent), Japanese (conversational)

EXPERIENCES

Blogger 	2025-Present
Medium	<i>Online</i>

CERTIFICATIONS

CS50's Introduction to Programming with Python 	2025
Harvard University (via edX)	
CS50's Introduction to Database with SQL 	2025
Harvard University (via edX)	
Scientific Computing with Python 	2025
freeCodeCamp	
Data Analysis with Python 	2025
freeCodeCamp	