

# BIPUL TAMANG

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Motivated student with interest in immerring technologies and always learning new things. I have experience in developing web and mobile applications understanding the development foundation and architecture design of different systems. Besides this I'm a creative person who's interested on music and arts.

## WORK EXPERIENCE

### Software Intern

2/2024 – 8/2024

LIS Nepal

- Provided support in monitoring ETL batches at Apache airflow.
- Automated data validation and batch reporting using Python.
- Worked on modern data engineering tools including Snowflake, Apache Airflow, and AtScale to manage and process datasets.
- Experience in data cleaning, transformation and integration.

## EDUCATION QUALIFICATION

*MSc Software Engineering (Ongoing)*

9/2025-Present

University of West London

*Bachelors in computer application (Completed)*

2019-2024

Asian College of Higher Studies. Ekantakuna Lalitpur (Tribhuvan University)

Grade (CGPA): 3.39

## PROJECTS

### 1. Student Performance Analyzer (Web Application)

- A student management web application to analyze and visualize student performance using JAVA (JSP/Servlet) and MySQL.
- Applied decision tree algorithm to predict the performance of student based on demographic factors.
- Created interactive charts and dashboards visualize student attendance and student marks.

### 2. Video Editing Application (Mobile Application)

- Flutter based mobile application for video processing (i.e. applying filters to video), implementing native Java modules for low level frame editing (YUV data manipulation).

- Focused on system level performance.

**GitHub Link:** [Bipul6129 \(Bipul Tamang\) \(github.com\)](https://github.com/Bipul6129)

## TECHNICAL SKILLS

- **Programming Languages:** Python, Java, Dart, JavaScript, PHP
- **Databases and Tools:** Snowflake, PostgreSQL, MySQL, SQL, AtScale, Apache Airflow, Docker
- **Frameworks and Libraries:** JSP/Servlet, Flutter, React, Django
- **Software and Utilities:** Git, Postman, REST API, MS Office Suite,
- **Operating Systems:** Windows OS, Linux, Mac OS

## AWARDS

- Project Defense Winner, 2022 for Project.
- Certificate of Recognition for outstanding academic performance