



# NISTHA BAJRACHARYA

## SUMMARY

A highly motivated Computer Engineering student in final semester with a passion for technology and a track record of quick learning and hard work. I am eager to use my abilities and experience in a dynamic team and tackle real-world challenges in the field of computer engineering.

## EDUCATION

### Thapathali Campus

Bachelor's Degree in Computer Engineering  
2019 – 2024

### New Horizon Institute, Palpa

+2 Science  
2017-2019

## SKILLS

- Python
- HTML/CSS
- Javascript
- React
- SQL
- C/C++

## VOLUNTEERING

### Membership Engagement Manager

Ambassador  
Girls in Tech  
2023 – Present

- Learned collaboration, team work, leadership

### Treasurer

Dhriti (girls and lgbtqia+)  
2022 – 2023

- Learned organization, time management

## PROJECTS

### Linear Math Word Problems using T5

- T5 transformer model used to generate equations of math word problems
- Use of React, Python, Flask

### Menstrual Period Tracker

- ARIMA(AutoRegressive Integrated Moving Average) model used for time series forecasting of menstrual cycles
- Firebase used as the backend and database solution for the app
- Dart programming language for app development

### PHP CRUD

- PHP-based CRUD app for database operations
- Login authentication with PHP Javascript for form field validation
- MySQL database for data storage

### Recipe Finder

- View detailed information for each recipe, including name, category, area, ingredients, and instructions.
- React Hooks (useState, useEffect) for state management and side effects handling.
- Callback functions for event handling and data between components.

## EXPERIENCE

### Code Like Her 23 - Apprenticeship

Full Stack Training Program  
Code Rush  
2023 – Present

- Learning HTML, CSS, Javascript, Git, React, Python
- Communication skills, Presentation skills, Teamwork