

# Subedi Bibhushan

## Software Engineering

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### Subedi Bibhushan

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#### Skills

Python  
Javascript  
SQL (MySQL)  
HTML5/CSS  
Java  
Unix, Git  
C, C++, C#  
Flutter App  
development

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#### Projects

- Weather App and Website
- Dino AI Bot
- Footballer Stats Management System

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## Project Details

### 1. Weather App and Website

Developed a cross-platform weather app using Flutter, providing real-time weather updates based on user geolocation.

- Technologies: Flutter, Dart, HTML, CSS, JavaScript, OpenWeather API
- Key Features:
  - Geolocation integration for accurate weather data
  - API integration for detailed hourly forecasts
  - Intuitive UI for seamless navigation
  - Real-time weather and forecast display

### 2. Dino AI Bot

Developed an AI bot for the Dino game using Deep Neural Networks (DNN) to optimize gameplay decisions.

- Technologies: Python, TensorFlow/PyTorch
- Key Features:
  - Real-time game interaction
  - DNN trained on various scenarios
  - High scores achieved through reinforcement learning

### 3. Footballer Stats Management System

Developed an SQL database to manage player, team, and match information for a football management system.

- Technologies: MySQL
- Key Features:
  - Designed database schema for efficient data storage
  - Implemented queries for data retrieval and manipulation
  - Ensured data integrity and optimized performance

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## Education

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### **Paramount Public School / School**

April 2009 - March 2013, Pokhara , Nepal

### **Sagarmatha Niketan School / School**

April 2013 - March 2019, Pokhara , Nepal

### **Sagarmatha Secondary School / Higher Education Level**

June 2019 - May 2021, Pokhara , Nepal

### **University of Europe for Applied Science / University**

Bachelor in Software Engineering

March 2023 - Feb 2026, Potsdam , Germany