Subedi Bibhushan

Software Engineering

CONTACT

- +4915213995173
- subedibibhushan@outlook.de
- Website/BibhushanSubedi
- Potsdam,Germany

EDUCATION

Bachelor's in software engineering

- *University of Europe for Applied Sciences,* Potsdam,Germany - **03/2023 to 02/2026**

Higher Secondary Level

- *Sagarmatha Secondary School,* **(3.27 GPA)** Pokhara,Nepal- **08/2019to10/2021**

School

- *Sagarmatha Niketan School-* **(3.5 GPA)** Pokhara,Nepal-**2009 to 03/2019**

SKILLS

- **Programming Languages:** Python, JavaScript, Java, C/C++, SQL
- **Web Development:** HTML, CSS, PHP
- **App Development:** Flutter
- **DevOps & Cloud:** DevOps, CI/CD, Cloud Computing, AWS
- **Tools & Frameworks:** Linux, Git ,Jira ,Docker
- **Methodologies:** Agile , Scrum

OTHER PROJECT

- FaceEmotionRecognition(**Python**)
- FootballManagement System(**SQL**)
- My Portfolio Website(**HTML,CSS,JS**)
- CodeBreaker Game **(Python)** (UNI-PROJECT)

Certificate

- **Cloud Computing**
- **DevOps**

PROFILE

I am Driven software engineering student with a strong foundation in full-stack development and mobile app design. Proven ability to lead cross-platform projects, utilizing languages like Python, Java, JavaScript, and C/C++ to deliver high-quality solutions. Skilled in integrating APIs, optimizing performance with AI technologies, and building user-focused applications. Passionate about leveraging technical expertise to solve real-world problems and continuously enhance software development skills.

PROJECT

Weather App and Website
University Project: University of Europe for Applied Science, (Potsdam Germany) [05/2024-07/2024]

Led the development of a cross-platform weatherapp using Flutter, offering real-time weather updates based on user location.

- Technologies: *Flutter, Dart, HTML, CSS, JavaScript,* OpenWeather API
- Integrated geolocation for precise weather data
- Implemented API for hourly forecasts
- Created intuitive UI for a seamless user experience
- Delivered realtime weather and forecast updates using APIs

Password Manager

Developed a secure password manager leveraging cryptography to protect user credentials.

- Technologies: *Python, Tkinter, Cryptography* (*Fernet*)
- Implemented Fernet encryption to securely encrypt and decrypt passwords
- Designed a user-friendly Tkinter *GUI* for easy password management
- Built master password functionality for secure access and encryption of saved keys.

SmartShip Cost Predictor
University Project: University of Europe for Applied Science, (Potsdam Germany) [12/07/2023-19/07/2023]

Developed a Java-based application to calculate optimal shipping costs based on package details.

- Technologies**:** *Java, OOP*
- Designed object-oriented logic to handle diverse shipping rates
- Integrated real-time cost estimation based on package weight and size.
- Created a modular design adaptable to changing shipping rules

Dino AI Bot
University Project: University of Europe for Applied Science, (Potsdam Germany) [12/07/2023-19/07/2023]
Engineered an AI bot using Deep Neural Networks (DNN) to enhance performance in the Dino game.

- Technologies**:** Python, TensorFlow/PyTorch
- Optimized gameplay with real-time interaction
- Achieved high scores via reinforcement learning