



# Subedi Bibhushan

Software Engineering

## CONTACT

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## EDUCATION

### Bachelor's in software engineering

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

## SKILLS

- Programming Languages:** Python, JavaScript, Java, C/C++, SQL
- Web Development:** HTML, CSS
- App Development:** Flutter
- DevOps & Cloud:** DevOps, CI/CD, Cloud Computing
- Networking & Security:** Cisco Networking, Network Protocols, Security Configurations
- Tools & Frameworks:** Linux, Git, Jira
- APIs & Integration:** REST API, Postman
- 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 a 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 weather app 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), SQL
- 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.
- Stored encrypted passwords in a SQL database for efficient and organized management.

### 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