Bijaya Dulal

IT Engineer

Passionate IT student specializing in backend development and programming, with hands-on experience in python django . Seeking to apply my skills in a challenging position where I can contribute to innovative solutions while growing my technical expertise.

I am primarily work with python but also familiar with c,c++,Java Script,Html,CSS, Php.

CONTACT

- 9844634919
- dulalbijaya0@gmail.com
- Changunarayan - 8, Bhaktapur , Sudal
- https://www.facebook.com/bijay.dulal.127/
- https://www.linkedin.com/in/bijaya-dulal-41a485294/
- https://github.com/bijaya-dulal
- https://bijayadulal.com.np

EDUCATION

Bachelor of Engineering in Information Technology

Nepal College of Information Technology (Pokhara University) / Lalitpur / April, 2020 - Present

Relevant Coursework: Data Structures & Algorithms, Database Management, Web Development, Object-Oriented Programming, Software Engineering

+2 Science

Glacier International School/college / kathmandu / June, 2017 - June, 2019

Relevant Coursework: Physics, Chemistry , Computer science, Basic Mathematics.

ACHIEVEMENTS

EXPERIENCE

Volunteer

Nepal Open Source Klub (NOSK) / Kathmandu, Nepal / Apr, 2022 - PresentNepal Open Source Klub(NOSK) is an open community club where we discuss Open Source Culture, Free and Open Source Software (FOSS), Programming and encourage learning in public.
As a part of the community, I have: Volunteered in organizing various tech events to promote FOSS, create awareness on using and contributing to Open Source Software.

https://www.nosk.club

HackFest at NCIT

 'Searchintern,' an innovative web platform during a college hackfest at NCIT. Collaborated with a team to design and implement a system that simplifies the internship hiring process by connecting students with companies. The platform allows students to showcase their skills, qualifications, and personal information, while enabling companies to specify internship requirements and search for suitable candidates. Contributed to full-stack development, including frontend and backend integration

https://github.com/bijaya-dulal/searchintern

SKILLS

- Python and django - Skillful
- SQL - Skillful
- Git and Github - Skillful
- HTML,CSS,Javascript,PHP - Skillful
- Python Numpy, Pandas - Beginner
- API testing using Postman - Beginner
- C/C++ - Beginner

LANGUAGE

Nepali

English

PROJECTS

E_Learning_Platform

This advanced online learning platform integrates course management, personalized user dashboards, and video conferencing. Students can track progress, view recent activities, and attend live doubt-clearing sessions with teachers. The platform ensures secure authentication, dynamic course access, and real-time interaction, providing a comprehensive solution for online education.

As a key member of the development team, I have contributes to on:
1. session-based authentication.
2.Role-based access control
3communication of frontend (React) and backend (Django) through RESTful APIs.
4. Real-time video conferencing.
5.Error Handling & UX Enhancements
6.Course management.
7.Recommendation system using flask.

https://github.com/bijaya-dulal/E-Learning-Platform

Pomodoro-Timer

A simple, productivity-boosting Pomodoro Timer built with Python and Tkinter (or any frontend tech like React). The timer follows the Pomodoro technique, breaking work into 25-minute intervals followed by 5-minute short breaks and a 15-minute long break after four cycles. Features include customizable work/break durations, a visual countdown, and notifications when time is up. This project helps users manage time efficiently and improve focus during tasks.

https://github.com/bijaya-dulal/POMODORO_TIMER

Search Intern

"Searchintern" is an innovative web platform designed to streamline the intern hiring process for organizations seeking interns and students looking for internships. The platform enables students to register as qualified interns by providing their detailed qualifications, skills, and personal information, presenting themselves as career aspirants. Simultaneously, companies can register as internship providers, specifying the required qualifications and skills for their available positions. This project was developed during a hackfest event at NCIT, where we successfully built and demonstrated a solution to bridge the gap between aspiring interns and companies seeking talented candidates.

https://github.com/bijaya-dulal/searchintern