Anuj Poudel

Software Engineer

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Summary

Software engineer with 2 years of experience on developing full-stack systems as a freelancer. Currently in final year perusing BSc CSIT at Mechi Multiple Campus. Have hands on experience on developing robust system as freelancer and with help of personal projects.

Experiences

Lead Full-stack developer / Co-founder

@ TechSahayatri IT Company

2023 - 2025

- Worked specially on backend using Django and Nodejs.
- Made client's website speed up by around 10% by removing state-fullness that was in business layer of the application.
- Built a internal tool for managing tasks for the company using Django and React which helped being more productive for developers.
- Creating and managing Nginx webserver for load balancing and authentication.
- Featured project: https://toolmetics.com

Full stack developer

@ Freelancer

2021 – 2023

- Developed interactive web application for clients having variety of problem statements.

Skills

Frameworks and libraries: DJANGO, PYTORCH, EXPRESSJS, NEXTJS
Languages: PYTHON, JAVASCRIPT, JAVA, C, C++

Personal Projects

Detecting Cybersecurity Threats using Deep Learning

https://www.datacamp.com/datalab/w/8a7391f2-7cd3-40bb-adea-a009db1a74b1/edit

I designed and implemented a deep learning (LSTM) model using PyTorch to detect cyber threats using the BETH dataset which simulates real-world logs, providing a rich source of information for training and testing model. That is used in this project.

Password Manager | Python (https://github.com/Anuj-poudel54/passsaver)

Created a robust CLI program for managing my passwords. With custom encryption and decryption implementation of **Caesar Cipher algorithm**.

Fake News Detection NLP project (https://github.com/Anuj-poudel54/fake-news-detection)

Machine Learning (ML) project for detecting fake news on the basis of attributes title, author and text content. Used LogisticRegression for training testing the model.

YouTube clone | ExpressJS | ReactJS (https://github.com/Anuj-poudel54/YT-Clone)
Probing video processing using ffmpeg to chunk videos.

Educations

BSc CSIT
Mechi Multiple campus (TU affiliated), Bhadrapur-7, Jhapa
07/2020 – Present

Science (12th grade)
Dhulabari Higher Secondary, Mechinagar, Dhulabari
2019 - 2020

Achievements

MBM Ideax Hackathon
Certificate (Google Drive): https://bit.ly/42XDe2K
My team was able to secure 4th position in Nepal first Indigenous language Hackathon.

Janakpur Hackathon
Certificate (Google Drive): https://bit.ly/jnkhackathon
On-site Hackathon organized by Neelgai. My team secured 2nd runner up position. Developing Maithili keyboard application using Java on theme "AI for preserving language, culture and tradition". It has ability to translate to English and vice versa with OCR built in.

Certificates

Artificial intelligence and Machine Learning workshop
Certificate (google drive): https://bit.ly/aimlworkshop
Participated in the workshop organized by the college. We were taught from basic like regression models of ML to intermediate topics like image processing and ML.

Robotics and IOT
Certificate (google drive): [Not provided yet]
In this workshop, foundational topics about Robotics and IOT were taught with practical guidance, Arduino and its language to write its logic and connecting it to other electronics modules.

Interests and Extra-curricular activities

Dancing
- Performed in multiple dance competitions securing top positions at some.

Fitness and wellness
- Care for fitness and have has regular on gym and yoga activities.

Scout
- Participated scout training improving team coordination and communication skills.
- Have been troop-leader of a scout troop.
- Organized camping, hiking and lots of other scout activities.