





Aadarsh B.K.

Software Engineer (Backend)

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I am a passionate software engineer with a strong inclination towards backend development, especially in creating APIs and working with data. I also have a keen interest in AI. I am eager to play a significant and controlled role in a company where I can leverage my skills and contribute meaningfully.

EXPERIENCE

WEB AND DATA ENGINEERING INTERN

Sanepa

GrowByData

Oct, 2023 - Jan, 2024

GrowByData is a US-based company that helps big players like Amazon and Nestle with smart marketing strategies using data insights. They're known for making complex data work for business success.

- Conducted web scraping tasks to gather relevant data for marketing intelligence, demonstrating proficiency in data extraction techniques.
- Implemented and optimized FastAPI to enhance the efficiency of backend services, contributing to faster and more responsive applications.
- Played a key role in ETL (Extract, Transform, Load) tasks, showcasing skills in data processing and integration within the marketing intelligence domain.

EDUCATION

Bachelor in Computer Engineering

Lalitpur

Nov, 2018 - Dec, 2023

PROJECTS

Patient Information Management System

Designed and developed a desktop application for Patient Information Management as a minor project. Utilized Python's Tkinter library for the frontend and a MySQL database for data storage. Implemented CRUD operations to manage patient details, enabling users to display and update information through the interface. Integrated a voice input feature using speechRecognition to fetch patient details verbally, and utilized pyttsx3 for text-to-speech functionality, allowing the application to read out patient details. Additionally, added a print feature for users to directly print patient details from the application.

American Sign Language Detection

In this final year project, we aimed to develop an effective real-time American Sign Language (ASL) gesture detection system to enhance communication for the Deaf and hard-of-hearing community. Our journey involved data collection, Convolutional Neural Networks (CNNs), transfer learning, machine learning algorithms, and a user-friendly interface. The focus was on fostering inclusivity and accessibility, going beyond creating a tool to make a socially impactful contribution.

ACHIEVEMENTS

- Participated in Ideathon for Digital Learning Education in Nepal organized by DELTA, and "Gaming Industry in Nepal" organized by COSMOS ICT FEST 2022
- Participated on behalf of the college in LOCUS 2020, ORBIT 2022, and YATRA 4.0

TRAINING/CERTIFICATIONS

AWS AND PYTHON TRAINING

2022

Universal Engineering and science college

Completed 40+ hours of Python and AWS Cloud training through college programs.

AWARDS

COLLEGE AMBASSADOR	Lalitpur
HULT PRIZE	2021

Proud of this achievement for representing my college at a prestigious event like Hult Prize, showcasing leadership and dedication in contributing to social impact initiatives.

SKILLS

Python(Fast API/Django), HTML, CSS, Javascript, Linux/Git/Docker, Database PostgreSQL -, Node.js

LANGUAGE

English,nepali