

YUNISHA BASKOTA

Kathmandu , Nepal
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PROFILE

Aspiring Data Analyst with a passion for turning data into actionable insights. Skilled in Python and data visualization with Matplotlib. Experienced in data cleaning, analysis, and visualization to support decision-making and problem-solving.

EDUCATION

Bachelor's Degree in Computer Engineering

Tribhuvan University- IOE,
Purwanchal Campus I Dharan,Nepal
2019-2024

+2 - Liverpool International College

Kathmandu,Nepal
2017-2019

PROJECTS

MentalHealthMatters - MHM

Github - [MHM_B](#)
- [MHM](#)

An AI-powered web application designed to increase awareness and enhance mental health well-being.

The **key features** developed for MHM

- **Stressometer** - Designed and integrated an AI-driven module to predict and assess stress levels using data analytics on users' sleep patterns, exercise routines, and self-reported emotions.
- **Doctor AI chatbot** - Developed an interactive chatbot powered by advanced NLP algorithms to simulate conversations with users about their mental health symptoms.
- **Doctor Recommendation System** - Implemented a recommendation engine that analyzes user interactions and preferences to suggest suitable mental health professionals.
- **MHM Blog** - Initiated and managed a blog platform within the app, fostering a community space for users to share experiences and tips on mental health.

ChatNepali

Github - [ChatNepali](#)

Nepali HealthQA: Enhancing Question Answering in Nepali with Transformer Models on Health Datasets

The **key features** developed for ChatNepali

- **Vector Database Integration:** Employs mathematical dot product or cosine similarity for efficient retrieval of relevant health information.
 - **Natural Language Processing:** Ensures a conversational interface, allowing intuitive and theuser-friendly interactions.
 - **Machine Learning Integration:** Continuously improves response accuracy and adapts to evolving medical information.
 - Analyzes and interprets user-described symptoms to generate accurate and relevant responses.
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KEY SKILLS

- **Front-end Web Development** : HTML ,CSS , Tailwind CSS, Js , ReactJs
 - **Machine Learning(AI)**: Natural language Processing (NLP) , LLMs , Data Analysis , Deep Learning
 - **UI Designing** : Figma , Photoshop Basics
 - **Programming Languages** : C , C++ , Python , Javascript
 - **Software Testing** : QA Basics
 - **Project Management tools** : github , Git , MS Office , Canva
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CERTIFICATIONS

Data Analytics : Coursera, Google

Foundations: Data, Data, Everywhere : [Certificate](#)

Ask Questions to make Data-Driven Decisions: [Ongoing](#)

Software Testing : Coursera , University of Minnesota

Introduction to Software Testing : [Ongoing](#)

Web Development : ACES , Purwanchal Campus

Basic PHP & Laravel Workshop : [Certificate](#)

Web Development Training : [Certificate](#)

MEMBERSHIP

Former President

2023-2024

[Purwanchal Dance Club](#)

Former Treasurer & Program Incharge

2021-2023

[Purwanchal Dance Club](#)

REFREES

Manoj Kumar Guragain

Professor , IOE Purwanchal Campus

Prajita Dhakal | 9824340909

Engineering Colleague , IOE Purwanchal Campus
