

MUNA KANDEL

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Education

LAMAR UNIVERSITY

Master's in Computer Science

Anticipated Graduation: May 2027

TRIBHUVAN UNIVERSITY

Bachelor's in Computer Engineering

Graduation: 2024

Professional Experience

Teaching Assistant

Kathford International College of Engineering & Management , Lalitpur, Nepal (November 2024 – May 2025)

- Conducted hands-on labs for C++ programming and UML design.

Projects

Hospital Recommendation System

- Managed hospital data, including treatments and facilities, in a structured database.
- Improved healthcare accessibility with a user-friendly platform for informed decisions.

Sign Language Detection Using CNN for Nepali Alphabets

- Collected and processed over 61,000 images from 1,960 videos for training and evaluation, ensuring robust model performance which analyzes gestures from video frames.

Skills

- Programming Skills: Python, SQL
- Tools: PostgreSQL, Power BI, Word, Excel
- Soft Skills: Leadership, Teamwork, Problem-Solving
- Languages: English (Fluent), Nepali (Fluent), Hindi (Fluent)

Certifications

- IBM Data Science Professional Certificate
- Career Essentials in Data Analysis by Microsoft and LinkedIn
- Beta-Microsoft Learn Student Ambassador