



# KRISHALA SHRESTHA

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Madhyapur-4-Thimi,Bhaaktapur

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## EDUCATION

2020

Medha Secondary School,Tekhapukhu  
Bhaktapur(Government School)

passed SEE

2022

SOS Hermann Gmeiner School

passed +2

2022-now

Khwopa Engineering College

BE in Computer Engineering (full scholarship)

## SKILLS & EXPERIENCES

- **PUBLIC SPEAKING:** Hosted various international events at AIESEC, emcee at hult prize (KHEC), Mohotsav, won speech events etc

- **LEADERSHIP:**Team Leader of IR in ICX (AIESEC) for term 23.24.2 (more than 12 partnerships), Class Representative— Bridged students and faculty, organized activities, and ensured smooth communication

-**Pitching and persuading skills :** 2<sup>ND</sup> runner up in Hult prize Khec(2023) , experienced with presenting and pitching ideas to others

-**Problem solving and analyzing skills, event planning and organizing skills:** Conducted and volunteered on various blood donations, eye checkups, and health-related problems under the Leo Club, Shankhadar Social Club, and Madhyapur Youth Club.

-**Trainings :** 10 days trainig in AI/ML ,cybersecurity,nobel intern etc .

## RECENT PROJECTS

### -RENTERA (web application)

- **Rentera is a MERN-stack platform that connects renters and owners, eliminating middlemen in Nepal's housing market.**
- Features include smart property verification, verified user roles, request sending , live chat and rental history tracking.
- Built to bring transparency, safety, and ease to the present context of renting experience for students and workers.
- **Built with: HTML, CSS, JS,python , dbsqlite**

### -THERAPIST AI -CHATBOT

- **Therabot is an AI chatbot offering safe, stigma-free mental health support through daily check-ins and guided reflections.**
- Includes mood tracking, anxiety/depression flows, and guide to emotional self-care.
- **Built with: Python, Streamlit, NLP libraries, and text-to-speech APIs for real-time interaction.**

### -DIET GUIDE (web application)

- **Diet Guide is a personalized nutrition web app offering health tracking, expert consultations, and supplement shopping in one platform.**
- Users can book consultations, purchase tailored diet plans (weekly, lifestyle, or disease-specific), and buy supplements online
- Aims to make accessible and personalized dietary care available to everyone, especially those with limited access to nutritionists, by offering remote consultations, affordable plans, and trusted supplement delivery.
- **Built with: HTML, CSS, JS,python , PostgreSQL**

### -JARVIS -A personal voice-activated assistant

- **Jarvis is a voice-controlled desktop assistant that performs system tasks using command-based automation.**
- Executes functions like opening apps, browsing, playing media, and file operations via voice input.
- **Built with :Python, using SpeechRecognition, pyttsx3, and OS-level libraries for seamless PC control..**

### -CANTEEN MANAGEMENT SYSTEM

- **The Canteen Management System automates ordering, billing, and inventory with a user-friendly graphical interface to solve the problems we face in the canteen daily.**
- Enables menu management, order tracking, and real-time stock updates to speed up service.
- **Built with: C++ with graphics libraries for an interactive and efficient system.**

OTHER PROJECTS: Wordpress webiste (Nutrient supplements), Tic-Tac-Toe, Calculator, etc.

## REFERENCES:

Sujan Maka , Principal (khec)