

TULASHI GAUTAM

Computer Engineering student

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EDUCATION

Bachelor in Computer Engineering

Lalitpur Engineering College, TU

📅 2075 - 2080

12th - Science

Nldi indreni campus, jhapa

📅 2073

PROJECTS

Patient Information Management

- Designed and developed a desktop application with **MySQL database** and using **python Tkinter** library as its frontend.
- Added **CRUD** operation from UI to **display** and **update** patient details.
- Added feature to fetch user patient details using voice as input using **speechRecognition** and reading out details using **pyttsx3**
- Added print feature to **print** patient details

RESTAURANTS DATA ANALYSIS

- Analyzed **PIZZA DATASETS** to understand how the taste of customers changed over time and understand the trend in various sizes of pizza and categories.
- Developed a dynamic revenue tracking system to determine revenue generated for different pizza categories
- Created a dynamic **POWER BI DASHBOARD** for real time monitoring and data driven decision.

SAJILO HOSTEL-A Hostel Recommender Using Content Based Filtering

- Developed a **Full Stack** Web App with **React** and **Django** with **Postgres** as database.
- Implemented **recommendation system** for search functionality using **cosine similarity with weighted sum**.
- **CRUD** operation for hostel warden to add and manage hostel through **Rest API**.
- Added Booking and Review feature to book hostel by user.

NODE API PROJECT

- Developed a **REST API** in **node js** and **express js** With **MONGO DB** as a database for performing **CRUD** operations.
- **Refactored** the code and implemented **MVC architecture** to make the code more readable and manageable.

SKILLS

Languages : JavaScript, Python, C/C++, SQL,

Web Development : React, Django, node js

Frameworks / Libraries : Axios, React Router, Tkinter, express js

Technical : DBMS, O.S, Computer Network, Embedded system, microprocessor

Tools : Git/Github, Visual Studio Code ,Power BI, Ms office, Mongoose