**BHUKYA ANITHA**

Khammam,Telangana,India • 6303506340 • bhukyaanitha29@gmail.com

**LINKS** LinkedIn: https://bit.ly/bhukyaAnitha Github: <https://github.com/anitha892> portfolio: Bhukyaanitha.vercel.app

# EDUCATION

## TKR College of Engineering and Technology June 2021-June 2025

B.Tech in Computer Science and Engineering CGPA 7.83

## TTWUR Junior College May 2021

Intermediate(MPC)

Score 802/1000

## ZPHS,Thallada May 2019

**PROJECTS**

Tenth Grade

CGPA 8.3

**SKILLS**

Python

MongoDB

C language

MySQL

Javascript

C++

**Programming Languages**

**Database**

HTML5

CSS

**Frontend**

Java

BOOTSTRAP

## SIGN LANGUAGE RECOGNITION SYSTEM

Developed a real-time Indian Sign Language recognition system using MediaPipe, OpenCV, and LSTM.

Captured and processed hand landmarks via webcam for gesture classification.

Built and trained deep learning models (LSTM, CNN) using TensorFlow and Keras.

Deployed a Flask-based web application with face login and real-time gesture recognition.

Achieved high model accuracy and improved efficiency by leveraging landmark-based inputs over raw images.

## QUIZ APPLICATION

Designed and developed a feature-rich quiz application using HTML, CSS, and JavaScript.

Implemented dynamic question rendering, real-time scoring, and feedback for enhanced interactivity.

Ensured responsive design for optimal functionality across devices and screen sizes.

Optimized performance for fast load times and smooth transitions between questions.

Incorporated accessibility standards to create an inclusive and user-friendly experience.

## EXPENSE TRACKER APPLICATION

Developed a command-line-based Expense Tracker application in Python for efficient expense management.

Implemented features for recording expenses, splitting costs among participants, and tracking balances.

Designed a transaction log system to maintain detailed records of expense reasons and participants.

Ensured user-friendly interaction with menu-driven options for adding, viewing, and managing expenses. Applied object-oriented programming principles for modular and maintainable code architecture.

## CLOCK WEB APPLICATION

Built a real-time clock using Python, HTML, and CSS.

Designed a responsive interface with smooth transitions.

Added CSS animations for dynamic visual effects.

Ensured cross-device compatibility and performance. Delivered a lightweight and user-friendly experience.

# CERTIFICATES

Recieved an interenship certificate in Python Programming from Coderscave

Recieved Certificate of Skill as AI Data Scientist from TBOCWWD(Govt of Telangana)

# COURSEWORK

**Undergraduate**

DBMS Operating Systems Data Structures and Alogorithms Computer Networks Web Technologies

# EXTRA CURRICULAR

Google Developer Student Club Social Media Manager ( Jun ‘22 to May ’23)

Google Developer Student Club (GDSC) member in college ( Jun '22 to May '24 )