

# BELLALA VENKATA YASWANTH

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## PROJECTS

### Subway Surfers Game Controller Using Body Posture ☑

- This application is developed to control the Subway Surfers game through a live video feed instead of manual inputs.
- It is built using OpenCV and MediaPipe modules which helps to detect the body posture from the live video feed. Multithreading is employed to run different modules of the application simultaneously

### Rubiks Cube Solver Using Computer Vision

- This application is used to solve the Rubiks Cube using virtual instructions on the screen.
- Python's OpenCV and Kociemba modules are used for developing this application.

### Personal Portfolio ☑

- This is my personal Portfolio Website
- Technologies used: HTML, CSS, JavaScript

### Speech Recognition using Artificial Neural Network ☑

- We have proposed Bi-directional Recurrent Neural Network with Long Short Term Memory model (LSTM), so that speech signal reconstruction can be done in a proper way without performance loss.
- Restricted Boltzmann Machine (RBM) which generates a reconstruction based output and helps in conversion of voice into text, each letter by letter.

## INTERNSHIP EXPERIENCE

### Full Stack Developer Intern at : NLite Solution PVT

Jul 2022 – Oct 2022

- The primary goal of an e-book management system is to allow users to manage their books. This can include adding, editing, and deleting books, as well as searching and filtering books based on different parameters such as genre, author, publication date
- The process of E-Book is fully based on online, and this is mainly interaction between buyer and seller, use the same platform to sell and purchase books

## ACHIEVEMENTS

- Completed 20 hours AWS Academy Cloud Foundation course offered by AWS Academy Graduate.
- Flash custom Rom Android Version in any phone.
- Participated in "STEP CONE EVENT 2020" IN GMRIT college and get certified in "AR & VR".
- Our team secured 5th position in Codeathon in national level event STEP CONE 2020.

## CERTIFICATES

- Machine Learning: Algorithms in the Real World ☑
- AWS Academy Cloud Foundations ☑
- Infosys angular spring board ☑

## EDUCATION

### Bachelor of Technology

GMR Institute Of Technology, Srikakulam  
Aug 2019 – Apr 2023

- Department : Information Technology
- CGPA: 7.6/10 (upto 7th semester)

### Intermediate: State Board MPC

Sri Chaithanya Junior College , Visakhapatnam  
Apr 2017 – Mar 2019

- Stream: M. P. C
- Marks: 9.4/10

### Secondary: State Board

Keshava Reddy School , Etcherla  
Apr 2016 – Mar 2017

- Marks: 9.3/10

## SKILLS

**Programming :** (Python, Java, C, SQL),  
**Operating Systems :** (Windows, Linux (Ubuntu, Kali Linux)),  
**Soft Skills :** (Leadership, Team Work, Quick Learner, Self-Motivated, Problem Solver),  
**MISC :** (Typing Speed of 25 WPM)