

# VIHIDUN D.P.T

## Computer Science & Engineering student

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## EXPERIENCE

### Full stack web developer

#### WeYora Web Team

📅 January 2022 – Present

📍 Malabe, Sri Lanka

- Web developing (MERN Stack)
- Cover / Banner Designing
- Video Editing

## PROJECTS

### Depresio

#### AI-powered virtual mental consulting system

🌐 tharoosha/Depresio

- Our system employs NLP and ML for personalized mental health support, including emotion recognition, therapy recommendations, chatbot counseling, mental health prediction, and virtual peer support groups.

### Intergalactic

#### Mobile app for interplanetary travel

🌐 tharoosha/DevDreamers\_Intergalactic

- Interplanetary travel app, Prioritize a user-friendly, secure booking process. Elevate space travel with cutting-edge efficiency and a DL-based brain tumor identification system for astronauts.

### Vision Guard

#### Real-time HAR System for Smart CCTV Surveillance

🌐 tharoosha/Vision\_Guard

- Real-time human detection, activity classification, and face identification from CCTV footage. Enhance security with historical video analysis and user-friendly alerts.

### iFix ( Sri Lanka )

#### On-demand home services Mobile App with AI Chatbot ( ongoing )

- This mobile app is connecting homeowners with skilled artisans for household tasks. Utilizing Mobitel's mSpace APIs, offers a marketplace for various services with AI chatbot.

### Autonomous Driving system

#### Advanced driverless RC-grade cars and an immersive multiplayer AR car racing simulator ( ongoing )

- Aim to create advanced driverless RC-grade cars and an immersive multiplayer AR car racing simulator that offers exciting and realistic racing experiences.

## GENERAL SKILLS

Machine learning

Deep learning

SQL

Python scientific stack

TensorFlow

Data structure and Algorithms

## CERTIFICATIONS

### Neural Networks and Deep Learning

- Issued by DeepLearning.AI
- Grade Achieved: 98.50%

## EDUCATION

### B.Sc.(Hons) in Computer Science & Engineering

#### University of Moratuwa

📅 July 2021 – July 2025

- 2nd-year Undergraduate student, Specialize in Data Science and Engineering.

### GCE Advance Level Examination

#### Central Collage Anuradhapura

📅 Aug 2017 – Aug 2019

- 3As' including Mathematics, Physics, and Chemistry.

## ACHIEVEMENTS



#### DataStorm 4.0 Semi Finalist

Sri Lanka's Premier Advanced Analytics Competition is powered by OCTAVE, the John Keells Group.



#### Tech triathlon Finalist

A competition conducted by rootcode that offers a platform for teams to demonstrate their abilities in software engineering, artificial intelligence and UX design.

## VOLUNTEERING

### AIESEC Sri Lanka

oGX B2B team & Marketing team member

- Conducted market research, negotiated partnerships, coordinated project delivery, arranged visits with startups, handled crises, created marketing campaigns, and delivered engaging content.