AMOGH HT
Edge AI developer

amogh.ht@gmail.com ✉

7019827317 📱

Bengaluru, india 📍

linkedin.com/in/amogh-ht-35735a153 in

github.com/amoghht ⚙

Leveraging AI capabilities to solve technical and business problems for Cloud and Edge cases.

EDUCATION

B.E
Vidyavardhaka college of engineering,mysore

07/2017 - 08/2021   *8.5 SGPA*

Electronics and communication
- Final year project titled "AI CAMPUS" -an initiative to utilize resource for quality education using AI

WORK EXPERIENCE

AI hardware intern
SandLogic Technologies

03/2021 - 02/2022   *Bengaluru*

Full-stack enterprise AI company developing unique applications to run on Edge devices.

Achievements/Tasks
- Personalized advertisement display. Face recognition to identify person, Optimized FaceNet model ported on Jetson nano.
- Responsible for porting various deep learning models on Jetson boards using TensorRT framework.
- Intelligent video analytics using DeepStream SDK.
- Porting optimized TensorFlow object detection model on to Jetson nano.

Contact : Jesudas Fernandes - mail- jesu@sandlogic.com

Edge AI Developer
SandLogic Technologies

03/2022 - Present   *Bengaluru*

Achievements/Tasks
- Deployment of AI models from different framework to Edge devices like Nvidia jetson,xilinx kria kv260 etc.
- CORE(Code Once Run Everywhere)platform for Automatic conversion and deployment of AI models to Edge devices and Cloud.
- Conversion, optimization, and inference using Intel Openvino Toolkit on x86 devices.

Contact : Jesudas Fernandes - mail- jesu@sandlogic.com

SKILLS

Python3 Tensorflow Deep Learning Artificial Intelligence Computer Vision Flask SQL Nvidia Jetson Openvino ONNX

PERSONAL PROJECTS

Face Recognition based recommendation system (08/2020 - 06/2021)
- Increased events reach for targeted group and personalized experience for college students and staffs
- Flask based website which recommends events for students and teachers based on their interest
- One shot learning Facenet architecture for scalable solution for face registration and recognition

Eye movement based message transmission (11/2018 - 02/2019)
- Detection of Eye movement and eyeblink using opencv and DLIB. Sending an emergency message to Guardian through WhatsApp API
- Systems helps people suffering from partial Disability to share emergency message though Eye movement

ACHIEVEMENTS

Mini project competition- 1st place (07/2018 - 09/2018)
Class room automation using ESP8266 ,Firebase Realtime database

CERTIFICATES

Getting started with AI on Jetson nano (04/2021)
Introduction to Nvidia Jetson nano by Nvidia deep learning institute.

Applied machine learning in python- coursera (05/2020)
applied machine learning concepts offered by university of Michigan

LANGUAGES

English
Full Professional Proficiency

Kannada
Full Professional Proficiency

Hindi
Limited Working Proficiency