

Gautham N

+91-9611030271
gauthamn.tech@gmail.com

EXPERIENCE

Qualitas Technologies, Bengaluru — *Software Engineer*

01/ 2018 - PRESENT

R&D

- Interfacing modules for Industrial Cameras.
- Interfacing modules for Deep Learning model deployment in **Windows** and **Linux** platform.
- Built a grading Application based on metadata for the evaluation of Deep Learning models results.
- Built inferencing module for optimized Deep Learning through Intel OpenVino to run it on different hardware i.e NCS-2, CPU, GPU.

Projects Handled

- **PUFF Leak Inspection**
Client: Leading Consumer Electronics
Contribution: Application development for the Machine vision system. Which includes communication between two applications through TCP/IP.
- **Internal Parts Inspection of Refrigerator**
Client: Leading Consumer Electronics
Contribution: Application development for the Machine vision system. And also includes communication with DIO.
- **OCR detection and decoding the data.**
Client: Leading Tobacco Industry
Contribution: Contributed to building a Deep Learning model and inferencing for OCR application and decoded the data to extract results.
- **Vehicle parts identification.**
Client: Multinational Motorcycle Industry
Contribution: Application development and updating database with data obtained by the Machine vision system. Which includes color detection.

EDUCATION

Sapthagiri College of Engineering, Bengaluru — *Electronics and Communication.*

06/ 2013 - 06/2017.

PROJECTS

Biometrics approach for secured ATM transactions.

SKILLS

Programming: C++, C#, Python.

Tools/Frameworks/Libraries/Industrial Knowledge.: Qt Creator, Visual Studio, OpenVino, Tensorflow, Image Processing, Machine Vision.

CERTIFICATIONS

- [Badge issued by IBM for Python for Data Science](#)
- [Deep Learning Fundamentals by from Cognitive Class](#)

ACTIVITIES

- Attended the Intel ONE API workshop.
- Represented the company in AUTOMATIONEXPO2019.