

# Gautham N

+91-9611030271

nswamygautham@gmail.com

GitHub: [github.com/Gautham-N](https://github.com/Gautham-N)

Linkedin: [in/gautham-n-728b96155](https://in.linkedin.com/in/gautham-n-728b96155)

## 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, Deep Learning, 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.