

GOVIND RAJ

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Toronto, Canada

OBJECTIVE

To obtain a challenging and responsible position in Electronics Industry where my knowledge, ability and dedication will be utilized.

SKILLS

Teamwork	Customer service	Embedded C/C++	Java
Python	Computer skills	GitHub	Linux
Microsoft Office	Electronic repair	Hardware	Quality check
Microsoft office	Problem solving	Decision-making	Friendly
Innovative	Soldering	PCB Design	Windows
Linux	Jira		

WORK EXPERIENCE

Software/Hardware Quality Technician

Nov 2021 – Present

Crystal Fountains, Vaughan, Ontario

- Applications Testing
Design and build testing rigs to validate new and custom water feature effects
Documentation of testing results
- RMA Process
Inspect and analyze returned products to determine root cause failure. Document and report on all returns and communicate this throughout the company to improve product design. This may include both electrical (e.g., circuit board/component failures) as well as mechanical components (e.g., seals, gaskets etc.) Provide data-based root cause analysis to identify failure modes causing the greatest customer pain
- Internal Line Audits
Conduct in house line audits of build processes, information and tools. Perform analysis of top issues identified and provide recommended corrective actions
Audit build instructions ensuring they are available up to date and correct. Identify barriers to consistency of builds and suggest solutions
- Quality Management System
Support and adhere to Crystal Fountains Quality Management System (ISO: 9001:2015 or other)

Hardware tester

Mar 2021 – Nov 2021

Advanced skyline technologies Ltd, Markham, Ontario

- Assist in the development and testing of hardware components, equipment, and systems
- Identify any computer malfunctions from an incorrect minor setting to replace hardware and/or the entire operating system.
- Inspect, test, adjust and evaluate incoming computer hardware and electronic components and assemblies to ensure conformance with product specifications and tolerances.
- Repair a range of peripherals including input devices and output devices.
- Properly rebuild or configure parts to customers' requirements with updated software packages.
- Collect and compile operational data and assist in the preparation of estimates, schedules, specifications, and reports to reach the target quota.
- Follow all procedures in compliance of AST standard policy and operation regulations

CERTIFICATION/TRAININGS

QA Test Engineer

Apr 2021- June 2021

Resolve6 Software Solutions, Brampton, Canada

Diploma in Embedded systems

Sep 2018 – Dec 2018

Quest Innovations, Kerala, India

EDUCATION

Post-Graduation in Embedded system engineering design May 2019 - Jan 2021

Lambton college, Toronto, Canada

Bachelor's degree in electronics and communication engineering

SNMIMT, Kochi, India

May 2013 - May 2017

PROJECTS COMPLETED-

1. IoT Based Vehicle detection system

Sept 2020 -

Dec 2020

Lambton college in Toronto, Ontario

The Over-speeding of cars has caused many road accidents over the years. There needs to be a system which can detect the over speeding of cars. When a car goes beyond the prescribed speed limit, a detection system should be able to detect it. The system consists of a transmitter part (Arduino) which has two sensors to calculate the travel time of a particular vehicle between the two points. This data is sent to the receiver part(Beaglebone) using Bluetooth from where the speed is calculated and if it's over-speed the speed of the vehicle will be uploaded to the cloud. Also, the system will be able to display the speed of the given vehicle on the screen.

YouTube Channel link: [YouTube channel](#)

Github Link- <https://github.com/gov466>