

# GOVIND RAJ

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572 Pharmacy avenue, Scarborough, Ontario, M1L 3G9

## OBJECTIVE

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An Embedded system engineering graduate who is seeking to find the opportunity to work in a fun and challenging environment that will encourage me to improve and learn new and necessary skills as well as be motivated by the company to do my best for the sake of helping myself and the company advance in the software engineering industry.

## EDUCATION

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### Post-Graduation in Embedded system engineering design

May 2019 - Jan 2021

Lambton college, Toronto, Canada

- Embedded programming
- Embedded Operating systems
- Implementing various applications using peripherals such as Bluetooth, touchscreen, camera, WIFI, etc.
- Knowledge of various communication protocols such as I2C, UART, Bluetooth, USB

### Bachelor's degree in electronics and communication engineering

May 2013 - May 2017

SNMIMT, Kochi, India

- Gained basic knowledge of electronic devices, circuits, communication equipment's like transmitter, receiver, integrated circuits (IC).
- Knowledge about basic electronics, analog and digital transmission & reception of data, voice and video (Example AM, FM, DTH), microprocessors, satellite communication, microwave engineering, antennae and wave progression.
- Professional work involving analysis, systems implementation, operation, production, and maintenance of the various applications in the field of Electronics and Communications Engineering.

## SKILLS

### Teamwork

- Customer service
- Embedded-C/C++,Java
- Python programming
- Computer skills
- GitHub
- Linux
- Microsoft Office
- Ability to work under pressure
- Electronic repair
- Hardware and software

- Quality check
- Microsoft office
- Data entry
- Problem solving and Decision-making skills
- Strong communication skills
- Friendly and innovative

## WORK EXPERIENCE

### Computer Inspector- Hardware tester

Mar 2021 - Present

Advanced skyline technologies Ltd, Markham, Ontario

- Assist in the development and testing of hardware components, equipment, and systems
- Identify any of the 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

### Technical Helpdesk

Dec 2017 - Nov 2018

Wipro Technologies, Malappuram, Kerala, India

- Provide technical assistance and support for incoming queries and issues related to computer systems, software, and hardware.
- Respond to queries either face to face or through the phone.
- Respond to messages from customers seeking help.
- Assemble, Install, alter, and troubleshoot computer hardware and software
- Quality checking of hardware

## 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.

## **REFERENCES**

References can be provided upon request.

## **DECLARATION**

I hereby declare that all the details given above are true to the best of my knowledge and belief.

**GOVIND RAJ**