

## KEERTHI T G

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### OBJECTIVES:

Around 1 year of work experience in **Automotive Industry** and seeking to achieve the following aspirations and goals:

- To develop my skills and knowledge, and steadily grow in my career
- To leverage my current experience in fulfilling the demands and challenges of future placements
- To build a relationship based on strong character around human values such as respect for diversity, integrity and honesty and building inclusive culture in work environment
- To develop into a global citizen caring for global values and environment and build a career fruitful to self and employer

### TECHNICAL SKILLS:

- Programming Skills: C Programming, Embedded systems.
- Configuration management tool: PICKIT, Can Analyser
- IDE used: MPLAB IDE
- Testing Tool: Vector CANoe
- Good understanding of SDLC and STLC
- Writing the Test Cases based on the Customer Requirements

### IT & SOFTWARE SKILLS

#### MANUAL TESTING SKILLS

- Well acquainted with
  - 1) Software Development Life Cycle (SDLC)
  - 2) Software Test Life Cycle (STLC)
  - 3) Defect Life Cycle / Bug Life Cycle
- Well versed with testing methodologies
- Capable of writing the Test cases, Specifications & Test plan based on Business Requirements and Technical Specifications
- Extensively involved in testing the application manually and efficient in defect tracking
- Knowledge of Integration & Regression testing, etc.

## PROFESSIONAL EXPERIENCE

**Organization** : Brigosha Technologies  
**Designation** : Junior Software Engineer  
**Tenure** : August 2022 to current

## ROLES & RESPONSIBILITIES

- Understanding the overall solution architecture of the whole system.
- Involved in preparation of Test Cases as per the Functional and Business Requirements
- Coordinate with Development team
- Generation of Daily test reports, Defect report and Weekly status reports
- Involved in preparation of User Guide

## PROJECTS

### 1<sup>st</sup> Project:

#### Vehicle Dashboard Monitoring Instrumental Cluster

Role: Designed algorithm for a PIC Controller which uses CAN bus receive input data from the cruise control and occupant classification display by using instrument cluster

- Designed software and hardware portion with the team of 5 members including me.
- Contributed to design and development of the project

Role & Contribution: Major role in design and implementation in SDLC and STLC

Tools: MPLAB IDE, CAN Bus master, PIC Kit 2, Can Analyser.

### 2<sup>nd</sup> Project:

#### AULAS Application

Role : UAT Tester

Development Activity : As a UAT Tester tested each and every module to fulfill requirements

## EDUCATION DETAILS

- **Bachelor of Technology (B.Tech)** from M S Ramaiah University of Applied Sciences, Bangalore with 8.33 (CGPA)

### **Academic Project**

1) Design and Development of in-rotor type BLDC Motor.

Tool Used:- COMSOL Multiphysics

#### **PERSONAL INFORMATION**

Name : Keerthi T G  
Date of birth : 15 May 2000  
Marital status : Single  
Gender : Female  
Languages known : English, Hindi & Kannada

#### **DECLARATION**

I hereby declare that all the information furnished above is true to the best of my belief.

Place: Bangalore

Date:

Keerthi T G