Kumar V B

Junior software engineer

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# PROFESSIONAL SUMMARY

Driven and determined software engineer, promoting experience in building client applications. Offers strong interpersonal and communication skills. Seeking an engineering role at an Automotive company that delivers full range of products and services.

# SKILLS

* Programming Languages - C, Embedded C.
* Protocols - I2C, SPI, UART, CAN, UDS.
* Software Development Life Cycle Overview and process.
* Software Testing Process and its Life Cycle.

# **EXPERIENCE**

## Junior Software Engineer,Brigosha Technologies Pvt. Ltd., Bengaluru

March 2022 - Present

* Training on C programming and Embedded systems.
* Worked on CAN and UDS.
* Good knowledge on SDLC and STLC.

**EDUCATION**

## Graduated from Jawaharlal Nehru National College of Engineering, Shimoga, Karnataka inBachelor of Engineering(Electronics and Communication) in July 2022

# PROJECTS

**1. Vehicle Wiper and Washer.**

* Wiper is used to clean the window which we controlled in this project using the hardware switches and washer is controlled by using the CAN message we send in the bus master.

**Tools :-**

1. MPLAB X IDE.
2. Bus Master.

**Role -** Scrum Master, System Designer and Tester.

**Responsibilities-**

* In an Agile scrum environment, I participated in release planning, sprint planning and daily scrum.
* Fixed identified issues to improve workflows.
* Supported engineering team in defining software requirement, system designing, testing and development of embedded system.

**2. Engine Temperature Monitoring Using CAN.**

* In this project it automatically controls the Temperature in the vehicle.

**Tools :-** CAN Analyzer.

**Role -** Tester.

**Responsibilities-**

* Created test plans, test cases based on AUTOSAR and customer requirements and test report according to test result.

# Declaration

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

Place: Bengaluru.

Date: 21/04/2023

**Kumar V B**