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

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

# **EXPERIENCE**

## Brigosha Technologies, Bangalore *- Junior software engineer*

AUG 2022 - Present

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

# PROJECTS

## Brigosha Technologies, Bangalore *- Junior software engineer*

**1. Vehicle Wiper and Washer.**

* Had experience on training and working the PIC microcontroller and automated vehicle Wiper and Washer.
* Had experience developing the ECU.
* Wiper is used to clean the window which we

Tools :-

1. MPLAB IDE.
2. CAN Analyzer,CAN Module.

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.**

* Had experience on Hardware.
* In this project it automatically controls the Temperature in the vehicle.

Tools :-

1. Microcontroller, MPLAB IDE.
2. CAN Analyzer,CAN Module.

Role - Tester.

Responsibilities-

* Created test plans, test cases based on Autosar and customer requirements and test report according to test result.
* Debugged and participated in bug fixing.

**EDUCATION**

## Jawaharlal Nehru National College of Engineering, shimoga,Karnataka *- Bachelor of Engineering*

## In the stream of Electronics and Communication

September 2018 - July 2022

# Declaration

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

Place: Bengaluru.

**Kumar V B**