

BHARATH KRISHNA N R

Email ID : bharathkrishna028@gmail.com

Ph.: 9686079500

Career Objective

Hands on 2+ years of experience in performing Validation testing as a system engineer. To secure a challenging position in a reputable organization to expand my learnings, knowledge and skills in the field of Automotive Embedded Testing

Professional Experience

- 2+ years of total experience in performing Verification and Validation testing as a system engineer
- Good experience in System testing of Body Control Module, related components include Requirement analysis, Test scenarios creation, Test scenarios implementation, Defect tracking and Configuration management tools
- Experience in HIL level testing, Component HIL and Vehicle level testing using simulators like dSPACE and tools like Control Desk, Diagnostic tools and dataloggers.
- Expertise in Vector tools such as CANalyzer, CANoe.
- Good experience on flashing software in all systems of vehicle and finding root cause analysis for DTC's
- Having good knowledge of HIL System Integration and HIL setup in automotive domain.
- Report bugs and analyze Data logs to find Issues.
- Good Knowledge in understanding Schematics and hardware.
- Hard working, good analytical and learning skills.
- Good experience in ensuring Software to all systems in vehicle and verify & validate them in all phases till their production.
- Good knowledge on Script development for Data loggers using Vehiclespy
- Ability to prioritize tasks, handle multiple tasks, and meets deadlines.

Technical Skills:

Automotive Testing Tools: Control Desk, CANalyzer, Canoe, Diagnostic tool.

Languages: Basics of CAPL, Python

Automotive Protocols: CAN, UDS, SPI, I2C

Configuration management: DOORS, SVN, JIRA, GIT.

Qualification Details:

- B.E (Electronics and Communication Engineering) with aggregate of 58% from VTU Bangalore in 2020.
- Diploma from RJS Polytechnic, Bangalore in 2016, secured with 65%.
- 10th from Beml High School KGF, Board of Secondary School Education. Karnataka , in the year 2013, secured with 73%.

Professional Experience:

- Currently working as Software Engineer in Great Wall India R&D from September 2020 to till date.

Project Profile

Project 1:

SYSTEM TESTING FOR BCM USING dSPACE HIL

Role: Software Test Engineer

Tools: Control Desk, CANalyzer, Canoe, JIRA, BITBUCKET

Description:

To Test all the functionalities of Body Control Module (BCM).

Roles & Responsibilities:

- Understanding the System requirements for Body Control Module.
- Developing the Test cases for each functionality.
- Preparing the HIL environment for testing.
- Perform the testing for all the functionalities using Control Desk.
- Root cause analysis for failure Test Cases.

Project 2:

HIL Setup for BODY SYSTEMS (BCM, IC)

Tools: Control Desk, CANalyzer, Generic Flashing Tools, Dataloggers, CANalyzer

Roles & Responsibilities:

- Pin diagram analysis for BCM and IC ECU's.
- Signal Mapping and Made Wiring harness design for evaluating ECU's with HIL.
- Preparation of Test Bench for Integrating ECU's.
- System Test Plan Preparation.
- GUI preparation for BODY ECU's for easily manipulating signals
- System Testing and Test Report Preparation.

Personal Details

Nationality : Indian
Date of birth : 22 feb 1998
Gender : Male
Languages
Known : English, kannada, Telugu, Hindi.
Marital Status : Unmarried

Declaration

I hereby declare that all the above-mentioned facts and information are true to the best of my knowledge.

Place:
Date:

Signature