Total Experience: 2 Year(s) 3 Month(s)

Notice Period: 3 Months

Highest Degree: B.Tech/B.E.

[Electronics/Telecommunication]

TABBIBBU HARIHARANATH () Featured

Software Developer seeking roles in Software Engineering, Software
Development, Application Development, Project Management, Change
Management, Defect Management, Quality Management, Requirement Gathering, Unit
Testing, Debugging, Embedded C, Proteus, SVN



Current Designation: Embedded Software Engineer

Current Company: Robert Bosch Engineering and Business

Solutions

Current Location: Bengaluru / Bangalore

Pref. Location: Bengaluru / Bangalore, Chennai, Hyderabad Functional Area: IT Software - Application Programming /

Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: Software Developer, Software Engineering, Software Development, Application Development, Project Management, Change Management, Defect Management, Quality Management, Requirement Gathering, Technical

Support, Unit Testing, Debugging, Embedded C, Proteus, SVN

Verified: Phone Number | Email - id

Last Active: 21-Jan-21 Last Modified: 21-Jan-21

Summary

Versatile Software Development professional with 1.5 Years of experience in conceptualization and development of micro controller/microprocessor-based products and solutions.0.8 years of Experience in Unit Testing.

- ? 1.5 Year of experience in HMI Application Development for Instrument clusters
- ? 0.8 Years of experinece in Unit testing for BSW Module.
- ? Experience in Feature Development and Validation of Instrument Panel Cluster (IPC).
- ? Specialized skills in Designing and Development of Embedded applications in C Language..
- ? Experience in all phases of software development life cycle including Requirement Analysis, Design, Coding, Testing and Maintenance.
- ? Good Debugging, Problem solving & Software Bug fixing skills.
- ? Good Analytical and Communication skills.

Work Experience

Robert Bosch Engineering and Business Solutions as Embedded Software Engineer Nov 2020 to Till Date

Performing Hil testing On VT system by DTC logging using UDS Protocol.

KPIT Technologies as Software Developer

Mar 2019 to Oct 2020

Project #1:

Name: HMI validation for Ford Vehicle Client: DENSO International America, Inc

Tools: Vector CANoe, Diagnostic Engineering Tool (DET), HMI Test tool

Scope of Project: The purpose of this project is to validate the functionality of FORD clusters.

Roles & Responsibility:

? Analysis of input documents for various features.

- ? Test procedures are developed for the provided input specifications.
- ? Execution of developed test procedures.
- ? Preparation of summary report for the bugs that are identified during the execution of the test procedures.
- ? Done functional testing on various features such as Warnings, Cruise Control, and RTTs.

Title: Instrument cluster - HMI development using Altia

Description: The HMI Development for this project was carried out as part of two modules? HMI design and HMI Controls. HMI Design involves designing and development of the screens to be shown, and HMI Controls handles the state/screen transitions based on the triggering conditions from the application. The inputs from customer are received as the Adobe illustrator files from which data (Images/Text) were extracted and screens were designed in Altia. Altia Deep Screen is used to generate the source code for the Renesas D1mx target. Various cluster features such as Trip, Tachometer, Cruise and Terrain mode etc. were developed with support for multiple languages/regions.

Role & Responsibilities:

- ? Designing screens in Altia.
- ? Writing wrapper functions to communicate with the Altia design generated code and the HMI state handler modules
- ? Feature design and development for HMI screens viz. pop-up animation, Arabic Implementation for Entire Popup Module (Popup module owner), Passenger Airbag, Lists and Warnings using Altia Design 11.4 and 12.0
- ? Unit and Functional Testing

SRM technologies as Programmer Trainee

Jul 2018 to Mar 2019

Used to Perform Unit Testing for the Base Provided the Hitachi customer by writing the test plan for the functions and Validating using the Winams Tool.

And also have worked on Hil testing - D space, exam tool, canoe for logging the Diagnostic Trouble code using the UDS protocol.

Education

UG: B.Tech/B.E. (Electronics/Telecommunication) from SRM University, Chennai in 2018

IT Skills

Skill Name	Version Last Used Experience
Embedded C, HMI Tool, Python	
Circuit wizard, Proteus	

Languages Known

Language	Proficiency	Read	Write	Speak
English				
Hindi				
Telugu				

Affirmative Action

Work Authorization

Physically Challenged: No

Job Type: Permanent / Temporary

Employment Status: Full Time, Part Time