Total Experience: 3 Year(s) 8 Month(s)

Notice Period: 2 Months

Highest Degree: B.Tech/B.E. [Electronics/Telecommunication]

# Varshitha D K ( Featured

Executive Engineer seeking roles in Software Development, Application Programming, System Analysis, Solution Architecture, Requirement Gathering, Configuration Management, Technology Management, Data Structures.Embedded C.Linux



Current Designation: Executive Engineer - IT

Current Company: Continental TCI

Current Location: Bengaluru / Bangalore

Pref. Location: Chennai, Hyderabad, Bengaluru / Bangalore

Functional Area: IT Software - Application Programming /

Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: executive engineer, software developer, software development, application programming, requirement

gathering, configuration management, data structures, embedded c, linux, da vinci

Verified: Phone Number | Email - id

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

### Summary

- Bachelor of Engineering in Electronics with 3.2 years of Professional Work Experience in Embedded Automotive Domain, Embedded Software Development.
- Good experience in AUTOSAR Architecture especially SWC, DCM stack & RTE Development.
- Good experience in Vector tools like Da-Vinci, EB tressos & CANoe.
- Good knowledge of CAN protocol, UDS (Diagnostics).
- Possessing Strong Programming skills in Embedded C.
- Good Knowledge GPIO, I2C, SPI, UART & CAN.

## Work Experience

Continental TCI as Executive Engineer - IT Jun 2017 to Till Date

Software Development of SRR, ARS & MFC for Advanced Driver Assistance Systems.

Skills: Vector Da Vinci, AUTOSAR, CAN, IMS, CANoe, EB Tressos, Embedded C, Lauterbach, Trace 32

#### Description:

AUTOSAR based software development of Short-Range Radar & Multi-Functional Camera for Advanced Device Driver Systems. Mainly working for Development of FCU (Norm) Module. Code generation for FCU done through EB Tressos tool. Input for EB Tressos to generate FCU Code is arxml file. Also supported DCM stack module Development by Configuring EB tressos for DCM Stack code generation.

FCU module is nothing but of Normalization of Data & making Respective Decision on Data, which is received from COM module & also sent to COM module. FCU SWC is located above RTE section of AUTOSAR architecture. Main features in project is like Emergency brake assist (EBA), Adaptive cruise control (ACC), Blind Spot Detection (BSD), Rear Cross Traffic Alert (RCTA).

#### Responsibility:

- Involved in Understanding of Customer Requirement, Design and development of Norm Module.
- Involved in FCU configuration by using Tresos & Rhapsody tool.

- Da Vinci configuration for COM stack development.
- EB Tressos for DIDs implementation.
- Visited customer place Toyota Japan for resolving customer reported issues.

#### **Education**

UG: B.Tech/B.E. (Electronics/Telecommunication) from Visveswaraiah Technological University (VTU) in 2016

#### **IT Skills**

| Skill Name                    | Version Last Used | Experience           |
|-------------------------------|-------------------|----------------------|
| C & Data structure            |                   |                      |
| EB Tressos, Lauterbach, CANoe |                   | 3 Year(s) 0 Month(s) |
| Linux, Windows.               |                   |                      |
| CAN ,UDS,I2C, SPI, UART       |                   | 3 Year(s) 0 Month(s) |

### **Languages Known**

| Language | Proficiency | Read | Write | Speak |
|----------|-------------|------|-------|-------|
| English  | Proficient  |      |       |       |

#### **Affirmative Action**

#### **Work Authorization**

Category: General

Physically Challenged: No

Job Type: Permanent

Employment Status: Full time