

Resume

Name: Katare Chandrakant A .

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Total Experience: 10.9 Year experience in Automotive Industry, Currently working with ZF India Pvt.Ltd Hyderabad, India

Work Experience Summary

- Experienced in **Software Development** and **Integration Testing**.
- Experienced in **AUTOSAR** and **AUTOSAR Software architecture**.
- Worked on Integration of **AUTOSAR COM stack** and **AUTOSAR Software Component**.
- Worked on **ADAS** Project from Camera Wrapper (**Mobileye**) and CAN In CAN Out side.
- Hands-on experience on Vector Tool **DaVinci Configurator/Developer** ,**CAN GENy**, **CANoe**, **CANdela** ,**Vector Cast**.
- Hands-on experience on DOORS, Rhapsody and Integrity tool
- Worked on **Diagnostic Module** using **KPIT-DKConfiguration** tool chain.
- Worked on languages **Embedded C**, **C++**
- Worked on **CAN and LIN Driver Configuration** in **CAN GENy**..
- Experienced in Protocol **UDS-ISO 14229** and **OBD-II ISO 15031-5/SAE J1979**.
- Experienced in **ODB and non OBD Diagnostic** Development and Integration Testing
- Experienced in **ISO 15765-2**, **14229-1/ISO 15765-3** , **ISO 15031-5/SAE J1979**,**SAE J1979-DA**
- Experienced in Automotive **HMI** and **Vehicle Infotainment**.
- Worked on **Part1 testing**,**Part2 Testing** for customer JLR and Ford.
- Worked on Configuration Tool **DaVinci configurator** ,Elektrobit (EB)- **eb tresos**.
- Experienced in **GGDS**,**JLRDS**,**STJLR-18-107**,**MISRA C**
- Hands-on experience on client provided tool like **JLR-AVD** and **JLR-MVD**, **Ford-DET**, **GM- MECEL Populus**, **KPIT-DKConfigurationTool**
- Hands-on experience on tools like **Trace32**, **UDE**, **P-CAD 2006 Viewer**.
- Worked on **Vector Cast** , **CUnit** for **Unit Testing**
- Worked on tool **Visual Studio 2012 Express** for **Unit testing** and **PyScripter** for **Python scripting**

Organization Project

Organization	ZF India Pvt.Ltd	Project	GWM,DF,BYD (China)
Period	Sept-2020 onwards	Duration	1 Year
Role	Development of wrapper module in Camera point of view(COM Module) ,Integration of DEM module		
Environment	Windows		
Project Description	The Front Camera(FCM) is a forward-looking camera that visually analyses the environment of the host vehicle and broadcast data about his environment.		
Contribution	<ol style="list-style-type: none">1 Contributed for wrapper module development to process of data coming from Mobileye chip which is requires various Algorithm.2 Resolving Build issues of COM and DEM Module3 Importing of Arxml and generation of code		

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Organization	ZF India Pvt.Ltd	Project	HKMC (South Korea)
Period	Sept-2019 to Aug-2020	Duration	1 Year
Role	AUTOSAR COM , Development of wrapper module as per client requirement		
Environment	Windows		
Project Description	The Front Camera(FCM) is a forward-looking camera that visually analyses the environment of the host vehicle and broadcast data about his environment.		
Contribution	<ol style="list-style-type: none"> 1 Contributed for COM stack Integration 2 Resolving Build issues. 3 Sw Developement from wrapper side and Arxml Generation 4 DBC generation 		

Organization	Lear automotive india pvt ltd	Project	SDLC
Period	May 2018- Aug 2019	Duration	1 Year
Role	AUTOSAR COM stack Integration		
Environment	Windows		
Project Description	The SDLC central GWM is positioned within the E/E system as the central router to all on-board CAN networks. It's main job is to Routing, CAN Messages.		
Contribution	<ol style="list-style-type: none"> 1 Contributed for COM stack Integration 2 Resolving Build issues. 		

Organization	Lear automotive india pvt ltd	Project	Tempronics
Period	Dec 2017 – May 2018	Duration	5 months
Role	Development ,Testing , Requirement gathering		
Environment	Windows		
Project Description	Seat Climate Module is designed to control Tempronics Climate Insert and heating element to heat or cool automotive seat surface.		
Contribution	<ol style="list-style-type: none"> 1 Contributed for CAN Driver Configuration.. 2 Configurations for all BSW and MCAL modules. 3 Integration testing and Unit Testing. 4 Resolving Build issues. 		

Organization	Lear automotive india pvt ltd	Project	JLR (X-590)
Period	May 2018 – Aug 2018	Duration	4 months
Role	Integration testing		
Environment	Windows		
Project Description	This project is based on smart battery charger module for electric and Hybrid vehicle.		
Contribution	<ol style="list-style-type: none"> 1. OBD-II testing 2 Diagnostic Integration testing and Unit Testing. 		

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Organization	Lear automotive india pvt ltd	Project	Body Control Module (BCM)
Period	June 2013 – Dec 2016	Duration	3.5 year
Role	Diagnostic Developer ,Integration testing, Unit testing		
Environment	Windows		
Project Description	The project is based on the development of software for a Body Control Module. The Body control module is the primary module in the vehicle's electrical system. The module provides power distribution and circuit protection to other units in the vehicle. The BCM provides Front/Rear Fog Lamp, Immobilizer and RKE,Interior and Exterior lights features		
Contribution	<ol style="list-style-type: none"> 1 Understand the Diagnostic requirement as per GGDS JLRDS,UDS and implement 2. Integration testing and Unit Testing. 3. Resolving Build issues. 4. Automation of Diagnostic Integration testing using Python. 5. Requirement status filling in DOORS. 		

Organization	KPIT Cummins	Project	In touch Connection Radio
Period	Jan 2012 – Dec 2012	Duration	1 year
Role	Application development		
Environment	Ubuntu 10.04		
Project Description	The project is based on the development of HMI and Application Development for BUICK, CHEVROLET AND GM Vehicles. In touch Connection Radio is an Infotainment project which includes many features like Playback, Pandora, On star, Navigation, Bluetooth. I am responsible for HMI and application development. The tool has used for the HMI development is the MECEL Populus Tool and for application eclipse Helios. Language used for Development is C++		
Contribution	<ol style="list-style-type: none"> 1. UI development as per requirement in MECEL Populus. 2. Make the interface between service and application layer. 3. Resolving Build issues. 		

Organization	KPIT Cummins	Project	PASA (Panasonic)
Period	Jan 2013 – May 2013	Duration	5 months
Role	Testing		
Environment	Windows		
Project Description	The scope involves validation of the system design against the Customer (Chrysler) provided System Behavior Specifications. System level testing(Black Box Testing) of the various features including Tuner(AM,FM,SAT), Player, Climate control, Bluetooth, Navigation and Personalization. Testing includes Diagnostic Testing, Sanity Testing and functional testing. Saint Bus engines, Neo engines, Radio Data System Generators, Anteras, Mimosa, CTP, FCTP tools uses for testing.		
Contribution	Radio module testing		

Organization	KPIT Cummins	Project	Driver Drowsy Detection
Period	May 2011 – Dec 2011	Duration	5 months
Role	Development		
Environment	Android		
Project Description	Driver Drowsy Detection (DDD) application is mainly used to detect the person is in drowsy mode or in attentive mode when driving a Car. Statistics derived from a representative sample of traffic accidents state that approximately 20% of traffic accidents are due to drivers' drowsy driving. Additionally, drowsy driving is the reason for 22%-30% of severe traffic accidents resulting in death. The design team's prototypical real-time tracking system evaluates whether a driver is distracted or dozing, and emits a sound alert and text message when it detects extreme fatigue or another abnormal condition. C,C++, java language and opencv library is used to develop this application.		
Contribution	<ol style="list-style-type: none"> 1 Develop UI in android. 2. Analyze and Use opencv library. 3. Use JNI to interact Java and embedded c . 		

Programming languages :

C, C ++, Embedded C, CAN, LIN protocol, Python, CAPL, Core Java, Android.

Software and Tools :

Eclipse, CANoe, Trace 32,DOORS,Bugzilla Saint Bus engine, Neo Engine, Keil, Ride, Mecel PopulousRDS (Radio Data Systems), Beyond Compare, ,ITACA.

Familiar platforms :

MS-DOS , Window 07, XP, Linux.

Education Qualification

Education : Bachelor of Engineering in Electronics + CDAC

Aggregate: 62.04 %

Examination	University	Year	Marks Obtained	Grade
WiMC	C-DAC	2010	64.82%	B+
B.E.	Shivaji University	2008-09	68.12%	I st Class with Dist
H.S.C.	Kolhapur Division	2004-05	65.00 %	I st class
S.S.C.	Kolhapur Division	2002-03	73.86 %	I st class

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Hobbies :

- Cricket , Swimming, Listening music.

Personal Details :

Name : Chandrakant A. Katare.

Birth Date : 21/01/1988.

Blood Group : B Positive.

Marital Status: Married .

Career Objective

To pursue a career in a highly motivated organization wherein my personal skills and technical expertise would be utilized and enriched and to achieve personal growth through the organization's progress

I hereby declare that the information given above is true to my best knowledge and belief.

Applicant's Signature :
(CHANDRAKANT KATARE)

Date :