8+Years - Model Dev & Test Automation Engineer

vishnuvasan@vishnuvasan.com

+CONTACT

Site No: 562, TR Muniswamappa Building, 1st Main, **Current Address**

6th Cross, Ramagondanahalli

Bangalore India - 560066

B10, New Housing Unit, Permanent Address Mannargudi, Thiruvarur (D.t)

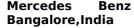
> TamilNadu India - 614001

November 9,1987 (30 years old) Male/Indian Gender/Nationality Date of birth

+ EXPERIENCE



ROVE*tech*:TA



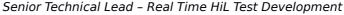
Research

and

Development

India,

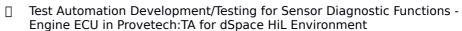
Sep 2013 - Till Date

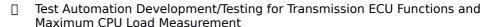


Onsite Assignment @ Daimler AG, Stuttgart, Germany:

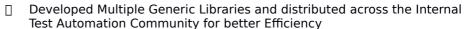
2014: Mar-Jun, Sep-Dec | **2015:** Mar-Jun, Oct-Dec | **2016:** Oct- Dec |

2017: Jan-Mar, Oct-Dec









- Effective Communication/Coordination with Function Developers over Test Requirements/Specifications
- Utilized lot of Functional Programming concepts and Developed multiple Tools in Multiple Languages like VB Script, VBA, Perl, Javascript etc.,
- Multiple Onsite Assignments for Performing Validation of V Cycle SW Releases for all Daimler Engine/Transmission Sws
- Leading a Test Automation Team of 7 Engineers











Robert Bosch Engineering and Business Solutions, India

Feb 2011 - Sep 2013

Senior Software Engineer - ECU Application SW Model Development

- SW Model Development of Engine ECU Functions in ASCET- Actuator Test, Torque Distribution/Reservation during Maximum Load, Idle Speed Control
- Development of Stateflow/State Machine Design in MATLAB and ASCET
- Developed Multiple Tools Majorly Data to Model(D2M) For Conversion of Autosar Interface Data directly to ASCET Models without human Intervention and received accolades
- Involved in Integration of Customer Specific AUTOSAR Functions into ECU SW and also developed necessary adapters for the interface
- Involved in Variant Specific Software Customization/Optimization based on System Architecture
- Been Instrumental in Multiple Efficiency Improvements and Developed tools like A2L Extractor, A2L Generator, E-Hooks Generator etc.,



BOSCH

Softune Workbench

Automotive Infotronics (A Joint Venture between Continental AG & Ashok Leyland), Chennai, India



Mar 2010 - Feb 2011

ZUKEN

Graduate Engineer Trainee - ECU Application SW Development/Testing

- Model Implementation of Tire Configuration Computation Algorithm in LogiCAD-KIBES 32 for Intelligent Tire System Display Unit
- Development of Various Screens and Integration of Screens with Logical Modules for ITS.
- ☐ Development of Tell Tale Module, Power on Self Test for Cluster
- ☐ Black Box Testing for Integrated Body Control Module & Instrument Cluster

+ IT PROFESSIONAL SKILLS

Modeling Tools	MATLAB Simulink	Drogramming	С
Modeling Tools	Stateflow	Programming Languages	VBA
	ASCET	2011900900	R
	LogiCAD - KIBES		Perl
	SciLab		Python
	Octave		Scala
ECU Tools	Provetech Test Automation S	uite	
	INCA		
	CANIyzer, CANape, VehicleSpy	y	
	Softune		
	Gravis		
	dSpace HiL, Control Desk ETAS Lab Car, RTPC		
Other Skills	SVN, Git	Operating	Linux
	Js, D3Js	System	Windows
	HTML, CSS		Mac OS
	Django		
Open Source Projects	https://github.com/vishnuvas	<u>an</u>	
Enjoys	Code/Model/Algorithm Development, Problems/Challenges		
	Programming, Foraying into N	Programming, Foraying into New Technologies	
	Colloboration, Diversity, Oper	nness, Camaraderie	
+ EDUCATION			
2004 - 2008	Bachelor of Engineering - Ele	ctronics and Comm	unication Engineering
	77% - I Class		
	Anna University/ Saranathan Coll	ege of Engineering,Tri	chy, TamilNadu,India
+ LANGUAGES			
	German - A1		
Languages	7.2		
Languages	English - Fluent		
Languages			

- Awarded with One Time Achievement (OTA) Award @ BOSCH for Implementation of Data to Model(D2M) Converter
- Awarded with Above and Beyond Call of Duty (ABCD) @ Mercedes for Work in Sensor Tests and received Multiple Accolades in Multiple occasions
- Trained Inter/Intra Departmental Colleagues under Various Situations over the topic of Automotive Software Development and Tools
- ☐ School Topper in 10th Standard with 84%
- ☐ Secured 93% in 12th Standard