

Vishnu Vasan Nehru

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6+Years - ECU SW & Test Development Engineer

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+ CONTACT

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Mannargudi,Thiruvarur(D.t)
TamilNadu
India-614001

Date of birth November 9,1987 (28 years old) Gender/Nationality Male/Indian

+ EXPERIENCE

- Sep 2013 - Till Date **Mercedes Benz Research and Development India, Bangalore,India**
Specialist Grade I
Onsite Assignment @ **Daimler,Stuttgart,Germany:**
2014: Mar-Jun, Sep-Dec | **2015:** Mar-Jun, Oct-Dec
- Test Automation Development/Testing for Sensor Diagnostic Functions - Engine ECU in Provtech:TA for dSpace HiL Environment
 - Developed Real Time Scripts for Multi Processor Environments to test Engine & Transmission ECU Functions
 - Effective Communication with Function Developers for better understanding of the Functionality
 - Developed lot of Generic Libraries and distributed across the whole team for better Efficiency
 - Multiple Onsite Assignments for Performing Validation of V Cycle SW Releases for all Daimler Engine SWs
- Feb 2011 - Sep 2013 **Robert Bosch Engineering and Business Solutions,Coimbatore,India**
Senior Software Engineer
- Development of Engine ECU Functions in ASCET- OFBD Actuator Test, Torque Distribution/Reservation during Maximum Load, Idle Speed Control
 - Involved in Development of Stateflow/State Machine Design in MATLAB and ASCET
 - 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
 - Involved in various Automation Activities - Majorly Data to Model(D2M) - For Conversion of Autosar Interface Data directly to ASCET Models without human Intervention and received accolades
 - Some other Tools Developed are A2L Extractor,A2L Generator,E-Hooks Generator
- Mar 2010 - Feb 2011 **Automotive Infotronics (A Joint Venture between Continental AG & Ashok Leyland),Chennai,India**
Graduate Engineer Trainee
- Implementation of Tire Configuration Computation Algorithm in LogiCAD for Intelligent Tire System Display Unit
 - Involved in 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 Unit & Instrument Cluster

+ IT PROFESSIONAL SKILLS

Modeling Tools	MATLAB Simulink/Stateflow, ASCET,LogiCAD,SciLab	Languages	VBA,Python,Perl,C, Embedded C,Ruby
ECU Tools	Provetech TA,INCA,Softune, Gravis, CANlyzer, VehicleSpy, dSpace HiL,ETAS Lab Car		
Other Skills	Git,Django,Js, HTML,D3Js	Operating System	Windows,OS X, Linux

+ EDUCATION

2004 - 2008 **Bachelor of Engineering - Electronics and Communication Engineering**
77% - I Class
Anna University/ Saranathan College of Engineering,Trichy, TamilNadu,India

+ LANGUAGES

Languages **Tamil** - Mother Tongue
English - (Very good command both written and spoken)
German - (Currently Learning- A1)

+ ACHIEVEMENTS

- Awarded with One Time Achievement (OTA) Award @ BOSCH for Implementation of Data to Model Converter
- Awarded with Above and Beyond Call of Duty (ABCD) @ Mercedes for Work in Sensor Tests
- Trained Inter 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