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| **Vishnu Vasan Nehru +91-74113-67797****6+Years - ECU SW & Test Development Engineer** [vishnuvasan@vishnuvasan.com](mailto:vishnuvasan@zoho.com) | | | | |
| + CONTACT | | | | |
| Address | B10,New Housing Unit, 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 Provetech: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 |

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

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| + LANGUAGES | |
| Languages | Tamil - Mother TongueEnglish - (Very good command both written and spoken) **German -** (Currently Learning- A1) |

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| + 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 |