Bhagya Raju Dodda

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📍 Hyderabad , Telangana

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✉ dbhagyaraju@gmail.com

🍎 TRAINING & CERTIFICATIONS

- ISTQB Foundation Level Certified
- Deutsch A1 certified (Goethe Institution)
- Python core, Python for Data science and Data science Certification from Sololearn

🖥 SKILLS

Programming Languages :
C, C++, Python, M-Script

MBD :
MATLAB, Simulink, Stateflow, Embedded Coder, TargetLink

Testing Tools : MxRay, MXAM, MTEST, Reactis, TPT

Simulation Tools : dSPACE ds1006, CANoe, CANape

Configuration Tool :
Clearcase, PVCS, SVN

Requirement Management :
DOORS

Standards :
ISO26262, ASPICE, AUTOSAR

Senior Technical Lead

💡 PROFILE • ABOUT ME

Accomplished Embedded Software Engineer with Masters in Embedded Systems with hands-on experience in working majorly for various carmakers, performing a Requirement Design/Analysis, Model-Based Development, C++ Coding (Auto/Manual), Testing, Verification & Validation for Powertrain Transmissions, Adas, Steering, Braking for Automotive Embedded Software domain. Strong technical and communication skills with 11.7 years of experience combined with a dedication to contribute for the company's growth and in turn ensuring personal growth within the organization.

🎓 EDUCATION

Embedded Systems, Master of Engineering / Master of Technology
JNTUK
Marks 71%
Kakinada, Andhra Pradesh

Completed
June 2016

Electronics and Communications, Bachelor of Engineering / Bachelor of Technology
JNTUK
Marks 70%, Division I
Kakinada, Andhra Pradesh

Completed
May 2011

💼 WORK EXPERIENCE

Senior Technical Lead   Nov 2017
ZF India Technology Center   - Current
Hyderabad, Telangana

Project: ZF Transmissions (9HP50)(8HP) (JLR, FCA, Nissan)

- Trained in Germany for 3months for DOG Clutch positioning functionality for all OEMs
- Guiding and Leading the Software developers on implementing the given requirements
- Speaking to OEMs and enhancing the functionalities and managing them using Clearcase, Clearquest
- Implementing the functionality in MATLAB/C++
- Model Analysis for MAAB Guidelines violations using MXAM, Code Analysis for MISRA C violations using Lint and Axivion

🔊 LANGUAGES

German

English

Telugu

Hindi

🎵 PERSONAL INTERESTS

- Automotive freaky, Reading Books
- Cycling, Jogging and Cricket
- Drive and travel

📷 PERSONAL INFORMATION

Birthday

11/06/1990

Gender

Male

Marital Status

Married

Father's Name

Mr. Ravi Dodda

Nationality

Indian

Passport

P7181559, Expires 01/10/27

Address

Hyderabad

Telangana

- Checking the developed functionality in SIL and MIL using Mtest and Unittest tools
- Writing the test cases in DOORs and linking them to OEM requirements
- Analyzing the failed test cases from Omni tracker reported by OEMs after the quarterly releases

Software Developer(Specialist)   Oct 2015

TATA Elxsi Limited   - Nov 2017

Bangalore, Karnataka

Project-1: Dual Clutch Transmission – DCT

Project-2: Automatic Transmission– AT

- Conversion/implementation of DCT/AT legacy source code in the model-based design
- Model-based development compliance to ISO-26262 safety standard and AUTOSAR architecture
- Simulating legacy code using S-Function for design verification
- Creating AUTOSAR based data dictionary for both simulation and code-generation
- Technical support and training to the team, involving in design and functional reviews
- Writing M-scripts for making possible automation in the project
- MIL, SIL, PIL testing and functional integration testing
- Checking the functionality of the modified models with Silver

Embedded Programmer   Dec 2014

KPIT Technologies Limited   - Oct 2015

Bangalore, Karnataka

Project: Adaptive Cruise Control(ADAS)

- Responsible to understand the software requirements of the project
- Model based design, Autocoding/generating C code, Functional testing
- Implementing the M-Scripts to automate the build process

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Embedded Programmer   Aug 2011

Vision Krest Embedded Technologies   - Dec 2014

Hyderabad, Telangana

Project: Model-Based Development- Fixed/Float point scaling (Nissan & Hitachi)

- The main objective of this project is conversion of Simulink model into Target Link compatible model,
- Scaling, Fixed point model conversion, Peer review for the completed work product.

✒️ DECLARATION

Bhagya Raju Dodda   Hyderabad, Telangana