



NIDISH DAS MULLASSERY

DATE OF BIRTH: 15-Oct-1982
NATIONALITY: Indian
LANGUAGES KNOWN: English ,
Malayalam , Hindi, Tamil, German(Basic)
MARITAL STATUS: Married
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ABOUT ME

- 1) **12 years** of experience in embedded systems design and development.
- 2) Working in Automotive domain for more than **8 years**.
- 3) Developed **Diagnostic software and Flash programming** using **UDS** and **KWP2000** for Powertrain ECU's
- 4) **Communication Stack** Development for **Flexray and CAN**
- 5) **Autosar** Stack development using **Vector-Geny** and **Davinci** configurators
- 6) Worked in Fault Management Module , **FMDB** and **DCM** Stack
- 7) Development of application software for Instrument cluster-HMI
- 8) Extensive experience in trouble shooting, debugging and fixing the System and Software issues
- 9) Experience in Automotive **SPICE** , **VMODEL**, **AGILE**, **KANNBAN**.
- 10) Extensive experience using Flashing Tool-Diagra/ODIS/VAS Tester
- 11) Handling different OEM projects **Volkswagen/Audi, BMW, Ford, Daimler, Nissan, Renault, Fiat**
- 12) Worked as Onsite Co-ordinator and Software Engineer in Robert Bosch, **Vienna-Austria** for long term
- 13) Currently Leading Vehicle communication software and Diagnostic software team -Active Safety(EPB)
- 14) Completed German language A1 certification and continuing with A2

EDUCATION

MSC (Electronics)	Calicut University	2006
BSC (Electronics)	Calicut University	2003
HSC	Kerala State Board	2000
SSLC	Kerala State Board	1998

76%
63%
73%
72%

EXPERIENCE

1. TECH MAHINDRA	Technical Architect	21/12/16 - Till date
2. ROBERT BOSCH	Module Lead/Architect	19/11/12 - 19/12/16
3. VISTEON TECHNOLOGIES	Sr Embedded Software Engineer	09/03/11 - 15/11/12
4. HCL TECHNOLOGIES	Member Technical Staff	23/10/08 - 04/03/11
5. KNOWX INNOVATIONS(P) LTD	Embedded Software Engineer	19/05/07 - 06/10/08
6. ARYANS INFOWAY (P) LTD	Jr. Embedded System Engineer	24/05/06 - 11/04/07

AREA OF INTEREST

- * Embedded Software Design (Microcontroller , assembly , C/C++ and RTOS)
- * Driver development, MCAL layer, RTOS, AUTOSAR
- * Automotive , Flexray , CAN, CANFD, LIN, Diagnostics

TECHNICAL SKILLS

PROGRAMMING LANGUAGES :

{ C , Embedded C , Assembly, **CAPL**, Python, Pearl and C++ }

TARGETS AND PLATFORMS :

{ **Infineon IFX- TC29xx, 39xx, 17xx** , JDP MPC5746M , Arm -7: LPC 2129, TMS470,570, MSP430F5418,, PIC16 &18 , AT89C51/52, AT mega8535, }

DEVELOPMENT AND TEST TOOLS :

{ COBRA, Source Insight, ECU Worx, IAR Workbench, UDE , , PIC C,MPLAB, Codevision AVR, MPLAB, EB TRESOS, UVP , **CANalyzer, CANOE, Can Ape**, ODIS, **CANDELA Studio** (.cdd)
Vector - Geny and Davinci configurators (**Autosar**)}

PERIPHERALS AND INTERFACES :

{ ADC, USART, RS485, GSM and GPS Modules, 24c512, CJ950, CY327 }

COMMUNICATION PROTOCOLS :

{ Flexray, CAN, MSC, I2C and SPI. }

APPLICATION PROFILE :

{ UDS, KWP2000, I14229, **ISO15765** }

QUALITY AND SAFETY MANAGEMENT STANDARDS :

{ ISO 9000:2001, CMMi Level V, MISRA C, ASPICE, ISO 26262 }

CONFIGURATION MANAGEMENT TOOLS :

{ **MKS PTC integrity** , RQ1,DOORS,SDOM, Clear Case/Quest,PVCS,PMSMART }

SELF-DEVELOPMENT& SKILL BUILDING :

{ AUTOSAR,TCP/IP, Python, CAPL }

DEBUGGERS USED :

{ ICE 5000, PLS UDE , Seehau debugger , Lauterbach debugger }

MANAGEMENT SKILLS :

{ Currently Leading Development Teams of 12 Members }



PROJECTS

- #1.1 VEHICLE COMMUNICATION AND DIAGNOSTICS SOFTWARE - (ZF/TRW AUTOMOTIVE)
- #2.1 CUSTOMER BOOT BLOCK(BOOT LOADER) AND FLASH PROGRAMMING - (VW-AUDI-PORSCHE)
- #3.1 {INSTRUMENT CLUSTER} J02C- (NISSAN) | #3.2 CD34X & P415 - (FORD)
- #4.1 INFINEON- MCAL DRIVER DEVELOPMENT - (INFINEON)
- #4.2 NERVE SIMULATOR SYSTEM - WAVEFORM GENERATOR - (JOHNSON & JOHNSON)
- #4.3 BALLOON ABLATION SYSTEM - (BOSTON SCIENTIFIC CORPORATION)
- #5.1 CALIBRATION SOFTWARE TESTING AND {INFUSION PUMP } - (BAXTER HEALTHCARE)