

KulasekharMV

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PROFILE

With over 13+ years of experience, I've hands-on experience in Software Design, Development and Validation of automotive embedded systems along with a strong work experience in AUTOSAR implementation. I've worked in all the phase of a project from kick off till product delivery and post production support. Adept at overseeing all facets of project lifecycle including planning, change, risk, and issue management. I have also worked for various market leading OEMs (Jaguar Land rover, Porsche, Ford). Worked in implementing latest technology in Cockpit Electronics and Instrument Clusters, with a strong working knowledge in V-Model, Global 8D problem solving process, 5-why process, Fish Bone diagrams. Good work experience in creating BOM and RFQ for automotive components. Experienced in both Agile and waterfall model based software development. Exhibited strong working knowledge in CMMi / ASPICE, MISRA Quality control and process.

Onsite Exposure: Having worked with the global teams spread across multiple regions (UK, Germany, Bulgaria), and worked at customer locations for more than 6 years, I've gained multi-cultural work experience.



TOOL BOX

Software Languages	Embedded C, RTC, Autosar, QNX, UML
Automotive Software tools	Vector Canalyzer, CANoe and Davinci
Version Control, defect tracking and PD tools	IBM's Rational ClearCase and Rational ClearQuest, DOORS and Siemens' Team Center System Engineering
Communication & Diagnostics Protocol	CAN, LIN, MOST, KWP



WORK EXPERIENCE

2013.10 - Till date

Visteon Engineering Services, Chelmsford, UK

Role: Software Project Lead

As project lead and defect manager, I have played a crucial role in identifying and fixing defects and in meeting time critical production deadlines.

Worked in technically demanding phase of the project by coordinating with 90 engineers across the globe and provided RTE interface solution for PORSCHE re-configurable Instrument Cluster.

Worked in Agile model as a scrum master applied scrum techniques to enable the progress in faster manner.

Integrated AUTOSAR 3.2.2 Software Integration Package into the Application software.

Extensively worked on the Can stack and COM configuration using Autosar tool chain Geny.

Extensively worked in configuring the lower level (Below Run Time Environment) drivers using Autosar tool chain Davinci Configurator Pro. Also, worked in designing and configuring the Application components (above Run Time Environment) using Autosar tool chain Davinci Developer.

Provided Technical support for onsite team and made frequent travel to Germany, France, Sofia. Worked in platform and application design and development for first re-configurable Instrument cluster for JAGUAR from project initiation till delivery.

Worked in project management, effort estimation and provided technical directions to team members towards on time delivery.

2010.01 – 2013.09

Visteon Technical and Services Centre, Chennai, India

Role: Software Technical Lead

Worked in design and implementation of multimedia system which also interacts with Instrument Cluster. Designed and implemented software for power-up and power-down sequence which involves controlling peripherals like TFT/LCD display, EPROM chip, LED illumination, shift registers, CAN driver IC.

Participated in Ford and JLR systems level workshop and provided solution to fix system design issues.

2007.04 – 2009.12

Visteon Engineering Services, Chelmsford, UK

Role: Software Integration Lead

First Visteon Reconfigurable Cluster, development to launch, where I played a crucial role of software Integration lead & Software lead to launch this critical product in 2009. This project built the platform for strong business engagement with JLR afterwards.

2004.11 – 2007.04

Visteon Technical and services centre, Chennai, India

Role: Software Design Engineer

Worked as a Software developer implemented various modules and components used for the FORD passenger car cluster products. Part of this role involved in requirement analysis, pre design, design, coding, unit testing, functional testing and delivering the modules within given time lines.

2003.05 – 2004.10

HTC global services, Chennai, India

Role: Programmer Analyst Trainee

Hands-on experience in embedded software design and development for Proof of Concept projects in automotive domain.



EDUCATION

1998-2002

B.TECH from Jawaharlal Nehru Technological University, Hyderabad.

Graduated in 2002 - Bachelor of Engineering in Electrical and Electronics engineering



OTHER

Citizenship Indian

Driving License Car

Languages English (fluent in speaking, reading and writing), Telugu (native)

Other Interests Follow automotive electronics trends.