BLR_RD_REP_HMI_Architect

Tus actividades

As a HMI Architect, following are the primary roles and responsibilities.

- Responsible for developing HMI software for automotive instrument clusters and head up displays.
- Analysis of customer requirements in terms of HMI performance, quality, and functionality
- Elaboration and definition of HMI concepts based on internal platforms and constraints.
- Creation of design guidelines with HMI focus
- Design and development of complex HMI
- Responsible for the quality and on-time delivery of your work-products throughout the software development lifecycles
- Debugging and error analysis, implementation of corresponding module, integration and unit tests and creation of further accompanying documentation.

- Implementation of OEM specific functions into an existing framework
- Requirement Analysis and Derive SW deliverables.
- Perform relevant tests like Static and Dynamic tests to ensure quality of deliverables.
- Following SW life cycle management process as per BA / Company level standards

Tu perfil

Mandatory Skills:

- Good experience in Instrument cluster/Infotainment HMI design and development

- Multiple years of experience in the Software development for Embedded Software in the automotive industry
- HMI architecture and framework and state machine development
- Experience with real-time operating systems on embedded microcontrollers
- Experience in model-based design and implementation of GUI and its logic & control for embedded systems as well as the associated tools like, TRAVIOE, KANZI & CGI STUDIO.
- Experience in SW development processes according to CMMI and ASPICE
- Solid experience in Software Sub-/System- and Module Design as well as in UML, XML, Python, C, C++, and Embedded C++
- Knowledge in C#, VBA, and OpenGL preferable
- Experience in embedded development tools (emulators, analyzers, oscilloscopes, etc.) as well as configuration management tools and concepts and formal analysis & design experience preferred.
- Good knowledge of using Continuous Integration Tools (GIT, Jenkins) as well as Requirements Engineering Tools (Doors), Change Management (Jira) and Canoe

Job ID
REF52115W

Ubicación
Bangalore

Nivel de liderazgo
Leading Self

Flexibilidad laboral
Hybrid Job

Unidad jurídica
Continental Automotive Components Private Ltd.

- Familiar with MISRA C rules Static analysis (QAC) tool
- Organized and analytical approach to problem solving.
- Experience in Debugging with Hardware Interfaces.
  Additional Skills: (Good to have)

- Experience with tools like GIT/Gerrit/Jenkins and AGILE methodologies will be an advantage.
- Experience in tasks tracking tools like JIRA/ALM
- Assembler Programming (PowerPC would be advantage)
- SW version management knowledge would be an advantage.
- Experience in Requirements management using Doors.
- Good Knowledge in Shell, Python or Perl [Anyone]
- Good Communication Skills

Lo que ofrecemos

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