

## BLR\_RD\_REP\_HMI\_Architect

### Vos activités

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

### Votre profil

#### 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



Référence  
**REF52115W**

Site  
**Bangalore**

Niveau de leadership  
**Leading Self**

Flexibilité du poste  
**Hybrid Job**

Unité légale  
**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

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