

Skills :

- Experience managing common software resources, and software architecting for programming in a multi-process and shared resource environment
- Understanding of signal and service oriented interface design
- Experience with automotive communication protocols (CAN, Ethernet)
- Understanding of formal ASPICE, ISO26262 in relation to software development
- Experience working with AUTOSAR classic software architecture design and analysis tools and methods
- At ease in adapting to new technologies and new platforms and methods

Ways to Stand out Above the Rest

- Having a deep understanding of future cybersecurity challenges and technologies
- Experience working with Linux-like software systems, as well as AUTOSAR software development
- Experience working with AUTOSAR Adaptive software architecture, and Service-Oriented software design
- Deep understanding of kernel level security concepts
- Experience with hardware acceleration platforms such as HSM, GTM, or dedicated hardware

PERMANENT CONTRACT

The new Software Organization is seeking experienced, passionate and creative individual to lead the architectural design of a new and innovative software platform for Stellantis which integrates advanced software functions for the next generation vehicle. The position requires a deep understanding of the unique requirements of automotive embedded software development, as well as a deep understanding of modern software development concepts derived from non-automotive platforms such as Linux, Android, and IOT. In this role, the successful candidate will be breaking new ground and surpassing existing barriers and paradigms for software development and integration in the embedded automotive space.

The position is dedicated to design the architecture of new software components involved in software cybersecurity protection or directly impacted by cybersecurity. Cyber protection for embedded Stellantis systems is organized in different fences from firewalls to Hardware Security Modules.

What You Will Be Doing

- Collaborate with suppliers, partners, SW and HW engineers, cybersecurity specialists to rearchitect software into a more resilient and robust SW platform, in order to meet the challenges of flexibility for the SW defined vehicle
- Regularly engage with key stakeholders to provide technical support and guidance for the architecture implementation and rollout
- Responsibility for the design and documentation of the architectural concept and design implementation, providing project tracking and status reports to senior leadership, proactively resolving issues/conflicts within the system design team
- Responsibility for project milestones and quality, and ensuring that the architecture satisfies all business and system requirements
- Meeting regularly with the deployment leads to ensure timely delivery of projects, and attend Customer and Supplier weekly/daily meetings.
- Develop Architecture Requirements Document that consists of (Architecture System/Feature Flows, Context Flows Features & Functions, Use Case Flows Component, Features & Functions, System/Feature Input /Output Flows, System Integration/Interface Flows, Logical Architecture)
- Participate in meetings to identify Functions, Components in vehicle, Service provider, 3rd party for all Features. Provide multiple technical alternatives and present to the management the best System logical architecture.

ONLY SEND CV IN ENGLISH