Position-System Development-43001216

**Location:**Beijing

**Department Mission**

* **C\TB is responsible for concept, development, integration and testing for Audi, Porsche and VW infotainment solutions in region China.**
* **Our target is to provide a unique, user oriented, cutting-edge infotainment solution to our customers.**

**Your Responsibilities:**

**Technical key words:**

* Providing architectural support and guidance for Android Automotive to local development and testing teams, as well as 3rd party partners (e.g. development suppliers) under alignment with architecture team(s), located in Germany and the USA;
* Processing of System Architecture related tickets, including review, acceptance, rejection of change requests (e.g. integration of additional apps, partitioning, deployment within Android, startup / lifecycle behavior of apps and services, permissions, custom intents, etc.). This includes interface reviews (such as AIDL, RSI, Content Providers) and ensuring consistency with / reuse of existing interfaces, e.g. by promoting compatible extensions and active clarification with the appropriate interface owners (e.g. Navigation, Digital Assistant worldwide teams);
* Processing (coordination, creation, triaging, analysis) of failure tickets in KPM (Group Problem Management system) for Software Architecture related artifacts and test of potential fixies;
* Evaluation and interpretation of China specific cyber security regulations, coordination, planning and execution of necessary countermeasures to fulfill the regulations requirements, in cooperation and agreement with the platform security team(s) in Germany, as well as with the function owners of all affected functions on the intelligent cockpit computer;
* Co-ordination, planning and execution of automated and ad-hoc testing and validation of the infotainment systems’ architecture and (cyber) security relevant features (e.g. Firewall tests, port scans, certification tests, system, kernel and binary / toolchain hardening, etc.)

**Required Qualification:**

* Education: Bachelor degree or above in in automotive, electrical engineering, computer science or networking and cyber security
* At least 5 years working experience as an Architect or Senior SW Developer for Android based systems
* Deep understanding of Android AOSP, its architecture and concepts
* Knowhow about Android compliance requirements and their implications
* Experience in SAFe agile model of SW development is beneficial
* Strong verbal and written communication skills
* Native or near native Chinese language
* Advanced English (B2-C1 according to CEFR)
* German is beneficial