



The Solutions People

www.einfochips.com

Job Description, Role & Responsibilities

EXPERIENCE: 3-8 Years
Role: Android HAL

Key Responsibilities

- Responsible for design and development of real time embedded software/firmware and PC/mobile based software application.
- To Analyse domain specific technical or low level requirement and modification as per end customer or system requirement.
- Participate in high level requirements analysis, High level and low level software design
- Perform software testing including unit, functional and system level requirement including manual and automated
- Performs code review following coding guidelines and static code analysis
- Troubleshoots software problems of limited difficulty.
- Documenting technical deliverable like software specifications, design document, code commenting, test cases and test report, Release note etc. throughout the project life cycle.
- Follow defined process for software Development life cycle
- Develops software solutions from established programming languages or by learning new language required for specific project.
- Develop new approaches to complex design problems.
- Responsible for mentoring and training juniors as per the project requirement.

Experience / Skills Required

- Must have Knowledge of AOSP build system, AOSP workflow and cross platform development of Native Applications.
- Must have Knowledge of Android Framework, Android System-Vendor services, JNI, AIDL, Se-policy rules in Android framework.
- Must Have Knowledge of Android HIDL for vendor specific modules such as Cameras, Wi-Fi, BT, GPS, 9 Axis Sensors, Battery etc.
- Strong knowledge of Android porting on various platforms and Device based customization of UI and Backend services.
- Experience in working with different embedded platform with processors from Qualcomm, TI, NXP, NVIDIA, Intel or similar
- Must have programming skills with C++,JAVA/Kotlin, Shell script
- Experience in working with development tools like GIT, SVN, JIRA, Android studio etc.
- Strong sense of ownership, passionate, fast learner, analytical mind set, perfection seeker.
- Excellent interpersonal and communication skills.