

Software integration Engineer, China

General Description:

The Software Integration engineer has a good view on most parts of the phone software, or is expert on some parts. He provides technical expertise to the customer support team. He may be dedicated to a project.

Responsibilities:

Technical Expertise

Having a good knowledge on several aspects of the software (operating system, interrupts, drivers, protocols, multimedia, internet, MMI).
Following technical issues (produces documents...)
Analysis and investigation of phone problems

Configuration Management / Build (if he is attached to a project)

- Responsible of the software configuration management system
- Responsible for the build system
- Provides regular builds for the development team and for the project needs
- Integration of new modem software delivery

Integration Tools

- Masters most of the integration tools (gdb, Simulator, Tracer, Itt ...)
- Provides support for the support team on the integration tools
- Maintains and improves integration tools

Experience:

Required

- Two years minimum of development in C Language
- Two years minimum Real-time/Multi-task processing
- Operating systems (RTOS, Linux) understanding of its main functions (scheduling, messaging, memory allocation...)

Optional

- ARM processor family

- Configuration Management (SVN...)
- Build utilities (Make, Scons)
- Protocols (GSM, GPRS, UMTS, IP, PPP, Messaging, HTTP)
- Development on PC
- Java / Scripting languages (Shell, Python)
- Open Source development
- Hardware knowledge (digital and radio)

Other Required Skills:

Work Attitude

- Positive
- Focused
- Persevering
- Follows quality rules
- Proactive

Communication

- Good team player
- Synthesis analyze mind
- Able to produce clear and concise documentation