



## Senior Software Engineer

### Job Description:

- Architect, Design and develop system software for next generation RFID reader products, based on embedded Linux OS and ARM processor platform.
- Work closely with software and hardware designers through all phases of product development to ensure successful system operation, compatibility and best-in-class design.
- Create architecture and design documentation.

### Requirements:

- Proven record and demonstrated expertise in device/board bring-up including building and porting Linux kernels, boot loaders and file systems.
- Strong understanding of hardware/software interfaces used in complex devices.
- 5+ years of Linux kernel and device driver development. Boot loaders/Board Support Packages (BSP), flash file systems, cross platform development and debugging.
- Experience working with digital design engineers and expertise building Linux systems for ARM based or equivalent architectures.
- Experience working with cross-compilation tool-chains, debug and system emulation environments.
- Experience setting up and maintaining cross-compilation tool chains, debuggers and hardware emulation environments/tools.
- Strong C/C++ skills and advanced Linux system software development experience is a must.
- Experience with Windows.
- Strong hands-on experience writing shell scripts for Linux.
- Experience with XML.
- Strong problem solving and analytical skills, ability to analyze complex sub/system problems.
- Demonstrated ability to meet deadlines and schedules is a must.
- The candidate must be highly self-motivated to work independently as well as be team-focused to investigate new approaches and technologies, and bring ideas to the table in a fast paced software development group.
- Strong verbal and written communication skills to document code, specs and procedures.

### Desirable Skills and Experience:

- Smartphone development experience is a plus (Android, Linux, Windows Mobile).
- 802.11abgn wireless technology, Bluetooth, USB.
- TCP/IP stack and common networking protocols.
- Experience with scripting languages like Ruby, Perl, Python

**Education:**

- BS/MS Computer Science, Computer Engineering, Electrical Engineering, or closely related field and 7+ years of software development experience