



## Senior Embedded Firmware Developer (Ref: ID94)

**Au-Zone Technologies** is a Calgary based, **Engineering Design Services** Company **located in Calgary's oldest neighborhood in a historical, character-infused building.** We specialize in **Embedded System Design** and **Turnkey Product Development.** Our clients produce a diverse range of products servicing a wide array of markets including video/imaging, industrial and consumer. From Fortune 500's to emerging startups, we help our clients to develop these products by offering flexible solutions to access our in house design expertise, development process, project management methodologies, intellectual property, and industry contacts.

We are currently looking for **Senior Embedded Firmware Developer** to join our existing product development team. If you are interested in working in a focused development environment, challenging your technical skills while developing new ones, and broadening your product development experience, please read on.

### Your opportunity:

As a senior member of a small team of experienced developers, the successful candidate will be directly involved in the design and development of embedded solutions for our clients. This role will require direct interaction with clients and multidisciplinary development groups in addition to the firmware team.

### Responsibilities:

- Detailed embedded F/W design and development on client and internal projects, following a structured, software engineering process
- Hands on development of board support packages, libraries and user applications
- Device driver development, debugging and board bring-up in collaboration with H/W designers
- Technical project and team leadership from project initiation through delivery
- Assisting PM's estimating F/W scope, duration, effort and risk on project proposals

### Requirements:

- B.Sc. / M.Sc. Electrical or Computer Engineering or Comp. Science, APEGGA or equivalent
- 8+ yrs embedded F/W experience and **a proven, working knowledge of embedded Linux**
- Demonstrated track record of technical F/W leadership on interdisciplinary projects
- Familiarity with accepted S/W design methodologies and demonstrated experience applying them to a development program.
- 3+ years device driver development expertise with multi-core SOC's
- Familiarity with common embedded Operating Systems such as: Linux, VxWorks, LynxOS etc
- Experience using gcc, gdb and other development tools (IDE, profilers etc)

### Desirable:

- Linux kernel, file system and driver optimization experience for real time operation
- Experience with image processing, algorithm development, simulation, and implementation
- Experience with OpenCV, OpenCL, and OpenGL ES driver and program development

### Personal Characteristics:

- Positive, proactive problem solving attitude with a capacity to assume leadership role
- Strong communication, interpersonal and organizational skills
- Self-motivated, proactive, entrepreneurial approach to tasks and time management

Please forward your resume to: [newjobs@au-zone.com](mailto:newjobs@au-zone.com)