

Gavin Elliot Jones  
Software Engineer

### **Personal Details**

Date of Birth: 23rd April 1977

Nationality: British (Scottish)

I am looking to expand my knowledge, experience and skills with a company developing interesting and challenging software. I have over 10 years industry experience in embedded, system and desktop software using C, C++ and Java. I am experienced in formal and agile development methodologies.

### **Main Skills**

- C, C++ and Java
- Embedded, system and desktop software
- Concurrency
- Regular Expressions
- Perl, Erlang/OTP

### **Employment History**

*Aspects Tools Ltd (February 2007 - Present) Senior Software Engineer*

Aspects Tools produces desktop application software that tests and simulates mobile telecoms Smart Card technologies.

- Desktop applications written in Java with Swing
- Using Scrum Agile development process
- Experience performing Scrum Master role
- Set up and maintain engineering server

*Aculab Plc (June 2002 - January 2007) Software Engineer*

My work at Aculab was focused around their voice over IP (VoIP) technology. This included writing embedded software for their VoIP gateway PCI card as well as system software for Windows and GNU/Linux operating systems running on the host PC.

- Embedded and system level software in C and C++
- Soft real-time requirements
- GNU/Linux and Win32 portability
- Multi threaded design and implementation
- Customer API design
- Solo, remote and various team sizes

*Aspects Software Ltd (October 1999 - June 2002) Software Engineer*

During my time at Aspects Software I was mainly involved with writing embedded software for Smart Card devices in C.

- Embedded software in C on constrained device (1K RAM, 16K EEPROM)
- Formal development methodology
- Experience as technical lead

**Qualifications**

Napier University (1995 - 1999)  
BEng (Hons) Software Engineering

Nairn Academy Secondary School (1989 - 1995)  
3 Highers at A - C level (Physics, Biology & Chemistry)  
5 Standard Grades

**Personal Interests**

Growing up in the Highlands of Scotland has led me to develop a love for the country side. I enjoy getting back up to the Highlands as often as possible and enjoy photographing some of my favourite locations.

I have a keen interest in computers and technology in general and like to keep up to date with the latest developments. One particular area of interest is in PC operating systems where I have experience of using Microsoft Windows, GNU/Linux, BeOS and Mac OS X.

**Contact Information**

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References available upon request.