**Ian Rogan**

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130 Rockbourne Road, Sherfield on Loddon, Hampshire RG27 0SR

**PROFESSIONAL PROFILE**

* Technical Leader and Senior Embedded Software Engineer with notable success driving software development projects for a range of digital technologies primarily in the digital video market. Dedicated, versatile and customer focused.
* Record of increasing responsibility in digital set top box design teams.
* Management of full lifecycle projects.
* Able to coordinate and direct all phases of project-based efforts.
* Proficient at developing effective solutions, procedures, project documentation, project milestones and technical specifications.

**SKILLS**

* Languages: C, C++, Perl, Python.
* Operating Systems: Linux, OS20/21.
* Tools: GIT, CVS, SVN, Perforce, Bugzilla.
* Networking: Cable Modem, IPTV, UDP, RTP, TCP/IP.
* Comms: I2C, SPI, USB, Bluetooth, Ethernet.

**CAREER HISTORY**

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| Amazon | London |
| **Integration Support Engineer (Contract)** | Jul 2019 – Present |

* Assisted a newly established team within the Prime Video Partner Engineering organization, who are responsible for the worldwide distribution of the Prime Video application across living-room streaming devices. Integrated Prime Video client applications on a rapidly growing range of living-room streaming devices such as Smart TVs and Set Top Boxes. Troubleshooted all aspects of Prime Video integration and verification within a customer-facing environment.
* Debugged issues and provided solutions for software written in Java, C++ and JavaScript on Linux based platforms.

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| Technicolor Connected Home UK Ltd | Hampshire (home based) |
| **Technical Leader, Engineering** | Nov 2015 – May 2019 |

* Technical Lead for the Vodafone Spain 8685 IPTV / Cable, High Definition Digital Video Receiver (DVR) projects for the last 5 years.
* The most recent project was to improve memory optimization and enhance performance to improve the overall user experience which saw a 10% improvement.
* Led software development for Vodafone Spain’s FTTH IPTV solution using the same 8685 hardware as the previously deployed Cable STB. This was an accelerated development, again written in C / C++ on a Linux OS Broadcom platform and was successfully delivered on time despite the very aggressive timescales. Vodafone currently have approximately 5 million IPTV / Cable Set Top Boxes (STB’s) deployed throughout Spain.
* Managed development of a team of 3 engineers located locally in the UK and engineers remotely in India, China and the USA.
* Led software development and integration tor legacy STB’s, IP gateways and connected home devices within the European business unit for LGI (Netherlands), VOO (Belgium) and Virgin Media (UK). Hardware and software debug training sessions conducted for Technicolor engineers in the UK, India and Spain and for customer engineers in Spain. The legacy platforms I supported were Broadcom or ST Micro based hardware, the software was written in C on ST’s OS21 or Broadcom’s Linux operating systems.

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| Cisco Systems Ltd | Reading |
| **Technical Leader** | Nov 2007- Nov 2015 |

* Responsible for the design, integration and maintenance of software for interactive DVR set top boxes for Cisco’s European Business Unit. Software primarily written in C and C++ on platforms based on ST or Broadcom SOC’s with operating systems varying between Linux, PowerTV and OS21. HD DVR’s developed and supported for UPC, Ziggo, Numericable, Ono, Virgin Media, and VOO.
* Member of a San Jose based development team responsible for the development of ‘Internet of Things’ (IOT) IP gateways, the first generation of which was delivered to AT&T in the USA and was branded ‘Digital Life’. This was a home security-based gateway which supported various wireless protocols. I also led development on the second-generation product in conjunction with Phillips. As well as porting the ‘Continua’ stack I was responsible for medical device support and Bluetooth connectivity. These products were Texas Instruments AM3352 SOC Linux based, software written in C++.
* Led an offshore development team based in India for two Home Gateway projects (8485 and 8685) for UPC Netherlands. The 8485 was ST Micro SOC based with OS21 operating system and code was written in C. The 8685 was Broadcom SOC based with Linux operating system and code was written in both C and C++.

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| ST Microelectronics Ltd | West Yorkshire (home based) |
| **Field Applications Engineer** | Apr 2006 - Nov 2007 |

Working for the Set Top Box Competence Centre in Marlow based at home in Yorkshire. Role was to provide technical support to customers in the North UK area for system on chip and peripheral products. During my time at ST I was awarded an “Outstanding Employee Award” for the resolution of two major technical issues with high profile customers. A product I fully supported for a major customer, the DISH ViP 221 was awarded the CES “Best of Show” award. During my time at ST I supported a variety of reference and customer platforms which were Linux, Windows CE, OS20 and OS21 based systems.

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| Pace Micro Technology Ltd | Shipley, West Yorkshire / Boca Raton USA |
| **Senior Software Engineer** | Dec 1996 - Apr 2006 |

* Spent 5 years developing embedded software for a variety of terrestrial, satellite and cable TV platforms for broadcasters throughout the World. Primary language being C and platforms were ST, Broadcom and Conexant SOC based.
* Following months of development in the UK, spent a further 4 months in Australia during 2000 / 2001 assisting Foxtel with the initial launch of their digital TV service launching the Pace Di4000 which was one of the World’s first DOCSIS cable modem based digital set top boxes.
* During 2001 I moved over to the USA and initially spent over a year based at Liberate, a middleware provider in San Jose California, to start work on Pace’s first series of STB’s for Comcast, these included the Daytona HD interactive and Vegas HD DVR. Role was to work closely with the US middleware and UK driver teams to speed up the integration and overall development.
* Then seconded to the Boca Raton office on a 2-year contract to help launch the HD interactive and DVR STB’s for Comcast. Part of my role was to be part of a team which produced ‘Engineware’ which is a Pace proprietary middleware written in C++. These products became a big step for Pace’s introduction into the USA market and future success.
* Returned to the UK office in late 2005 to assist with the HD TV launch in Europe assisting the launch of the 621 KU interactive STB.

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| GEC Alsthom Ltd | Kidsgrove, Staffordshire |
| **Software Development Engineer** | Sept 1995 - Dec 1996 |

Completed a recognised graduate training programme, of which was accelerated from 1 year to 6 months due to my previous industrial experience. Responsible for the design of motor control and air circuit breaker protection units. Software was written in assembler language on embedded 8051 based microcontrollers.

**EDUCATION**

**1992 – 1995 University of Manchester Institute of Science and Technology**

BSc (Eng) in Electrical and Electronic Engineering

**1983 – 1988 Barrow-in-Furness College of Further Education**

HNC in Electrical Engineering

**PERSONAL INTERESTS**

Keen distance runner and I am a member of a local running club.

**REFERENCES**

References are available on request.