

# Jon Rabone - CV

## Personal Details

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## Profile

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I am a Director and Company Secretary of Four Delta Consulting Limited. I am currently employed as a full time software development engineer by Amazon.com in the UK.

## Relevant Skills

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- Fluent in C++, STL and MS platform libraries including MFC & WTL
- Fluent in client and server-side Java, including J2SE 1.5 generics and JNI extensions.
- Experienced in object oriented design methodology & UML modelling.
- Extensive embedded software experience including ARM cores and Cygnus/GNU tool-chains.
- Wide knowledge of scripting languages including PERL, JavaScript and PHP.
- System administration experience under Solaris, HP-UX and Linux.
- Experienced in interfacing hardware systems for PCs, scientific instruments and embedded systems.

## Career Summary

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- 2001- **Director, Four Delta Consulting Ltd.**  
Founded Four Delta Consulting to provide multi-disciplinary consultancy and development services to clients in UK and US markets.
- 1999-2001 **Software Engineer, Panasonic OWL**  
Responsible for architecture of Panasonic DSM-CC protocol stack for OpenTV release and day-to-day management of project team.  
Contributed to formal design & specification of the Level 2 UI as member of HAVi consumer device interoperability standard.  
Implemented HAVi UI reference system for Windows NT/2000, including DirectX media support, facilitating development on NT.
- 1997-1999 **Engineer, Cambridge Consultants Ltd.**  
Created custom versions of the XAP toolkit for XAP-2 processor variant for use in new Bluetooth chipset designed by Cambridge Silicon Radio.  
Ported the CCL STREAMS-based DECT stack software to new embedded VLSI chipset using an ARM-7 core, facilitating fast-track product development.  
Created low-bitrate H.263 videophone demonstration system over DECT, resulting in CCL winning a major contract to develop Windows CE 3.0 based mobile GSM videophone product.

Created GUI software for touch screen ASIC with C++ and MFC on Windows, securing client contracts for project.

Designed & implemented radio calibration software for embedded digital air traffic control radio system.

Re-engineered ASIC design for fault-tolerant voice & data delivering increased product lifetime.

1992-1996

Enhanced the XAP Toolkit on Solaris and Windows.

**Sponsored Student**, *BBC Research & Development*

Developed TCP/IP network software for digital video recorder.

Produced performance evaluation of MPEG Layer 3 audio codecs

Researched COFDM techniques for Digital Terrestrial Television Broadcasting.

Implemented and de-bugged hardware for RACE 1036 and 2001 projects.

## Education

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1997

**M.Eng. B.A. (Hons) Engineering (2.1)**

University of Cambridge

## Additional Information

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- British National
- References available on request