

A Software Specialist with both an extensive technical background in hands-on software development and sound experience in managing international software development projects involving multiple cultures and organisations. Extensive experience in retail banking devices. Experienced in a mix of long-term and short term projects. Native English speaker and fluent German speaker.

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### Technical Tick-list

#### Languages:

- C - 19 years
- C++ - 17 years (Microsoft Visual Studio most recently)
- Java - 7 years (Borland JBuilder(v1 & v3), Visual Café, IBM Visual Age. Eclipse most recently.)
- Object Pascal - 4 years (Borland Delphi, v1 to v4.)
- HTML - 3 years. XML - 3 years. UML – 6 years. FORTRAN - 2 years, SQL - off and on for 15 years. PHP and Javascript if I have to.

#### Environments:

- Windows NT up to 4.0 and then XP - 12 years with Visual C++. Also NT and VC++ Japanese versions.
- World Wide Web - various tools, Intrabuilder, Java, FrontPage98, eclipse,
- (OS/2 versions 1.3 through to WARP Connect. 5 years with various compilers.)

#### Technologies:

## Professional Skills

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CEN/XFS, J/XFS, EMV, PCI, DES, RSA, Certificates, UNICODE, Smart cards, OOA/OOD, Cryptography, PINPAD, Payment Systems, J2EE, EJB, SOA, XML, Hibernate, Spring, Ajax, GWT, RPC, CMS, Joomla, Tomcat, Apache, JBoss, ODBC, JDBC, SQL, Internationalisation, Scrum, Agile.

## Languages:

Native English speaker, fluent German, and a very stale French (Reading good, but writing and speaking require some work.). I also have at times learnt a little Japanese and some basic school Spanish, both needing considerable revision.

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## Project Management:

Overall project and business manager for Open Mind Software Ltd since 1996. Project and technical leadership of an international development project for NCR split between Japan and Scotland

Responsibility for managing and coordinating the two teams, analysing and tracking dependencies and providing technical direction.

## Professional Skills

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(Responsible for three engineers in  
Dundee  
and ten in  
Japan  
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Also, bidding for, winning, managing and successfully completing a contract for Kinghorne Consultants Ltd. (of which I am a director) in my spare time.

One year (1995) as Project leader of a team of four engineers implementing application support for the WOSA(now CEN)/XFS standard.

Experienced in Agile Programming techniques.