

## **Martin David Waller B.Sc. (Hons.)**

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### **Personal Profile**

**Over 29 years' software design, development, deployment, porting and support experience in progressive, dynamic and successful environments. Proven management and team leadership ability. Excellent communication skills with both colleagues and customers. Self-motivated, enthusiastic, dedicated, loyal, versatile, and determined to achieve the stated objective.**

### **Skills**

Seasoned developer with programming and debugging skills, either at system level or application level, in many languages and on many platforms under many operating systems.

Programming languages include **Java, C#, XCODE, C, Visual Basic, Visual Basic .NET, SQL, Pascal, ACPL / STAB, BCPL, Icon, Snobol4 / Spitbol, Postscript and assembly languages.**

Operating systems include **Windows, Unix (Linux, HP-UX, AIX, SunOS, Dynix/ptx, Tru64), VAX/VMS and MS-DOS** including software installation and day to day management skills. Associated with the operating systems comes an in-depth knowledge of scripting languages and command processors such as **DCL, awk, csh, sh, ksh, and Perl.**

Thorough understanding of Web technologies such as **MVC4, ASP.NET, Web Services, WWW Servers, HTML, DHTML, XHTML, ASP (JScript / VBScript), JavaScript, CGI Scripts, SOAP, XML and XSL.**

Thorough understanding of programmable interfaces, installation, and day to day management of numerous database products including **ADO, ADO.NET, DB2, Informix, Ingres, ODBC, OLEDB, Oracle, RedBrick, Rdb, SQLServer, Sybase and Teradata.**

Knowledge of Cloud services such as the **Google App Engine** and **Microsoft Azure.**

### **Work Experience**

#### **June 11 – today    Net-Trekking Limited**

Conceived the original idea for Net-Trekking; found funding and wrote all the code for the server sitting on the Google App Engine, the associated Web Pages, and the two mobile clients – iPhone and Android.

Technologies being used include: Objective-C/XCode, Java/Eclipse, Google App Engine, Web Services.

Contract developer for Oculus Technologies based in the Netherlands where I have been working on their flag ship SuperYacht infotainment product YachtEye:

<http://www.oculustechnologies.nl/>

Technologies being used include: MySQL, PHP, HTML, Javascript, C#/Winforms, Google Earth.

Contact developer for Birketts Solicitors in Ipswich where I developed a new Windows Azure based client on-line support service:

<http://eboss.birketts.co.uk/>

Technologies being used include: SQL Server, C#, VB.NET, MVC 4, HTML, Microsoft Azure, Microsoft Entity Framework.

Contract developer for BSS Digital where I developed a Windows based application to read bar codes from handheld scanning devices.

Technologies being used include: C#/Winforms.

Contact developer for RainStor Limited developing a C api for their RainStor database product.

Technologies being used include: C, Java, Perl, Python, SWIG.

Contact developer for Information Management Group developing a Business Intelligence iOS offering.

Technologies being used include: C#/Xamarin, Javascript, HTML

#### **Feb 06 – June 11    Clinical Computing Limited**

Employed as a Senior Developer. I was involved in the development of the new flag ship product CV Web - a clinical information system for the management of patients with chronic kidney disease. The product is developed using Java and its associated technologies with Microsoft SQL Server as the database. Primarily I was involved in the Web Service interfaces to external providers of patient demographic and laboratory data. I was also involved in developing the migration process necessary to upgrade customers from previous version of CV Proton to CV4 and CV Web. This process was quite complex due to the volume of data involved and the time constraints imposed the dialysis units involved as they normally require downtime to be a minimum.

#### **Jan 06 – Feb 06    Actaris Metering Systems**

Employed as project manager for the ACE 4000 AMR metering system.

#### **Jul 01 – Dec 05    Information Management Group**

Employed as **R & D Director** responsible for the design and development of two products - SmartAnalysis and Synola. Daily duties included development plans, product design, team management, project management, meeting and liaising with customers from the sales and support perspective, coding and bug fixing. Both products were developed using Microsoft technologies including C#, C++, Visual Basic, ADO, ASP.NET, ASP, HTML, JavaScript, XML, and Microsoft SQL Server.

#### **Jun 98 - Jul 01    Seagate Software IMG Limited / Crystal Decisions.**

Transferred to Vancouver to create an R&D IT Support group. This involved taking control of the IT requirements for 100+ R&D people and providing the daily PC / NT / Unix support while interviewing, hiring and training a new team and team leader. After handing control over to the new team I returned to Ipswich to become the **Holos Development Team Leader** over-seeing the continuing development of Holos and its integration into the Seagate product line. Seagate Software IMG Limited became Crystal Decisions.

### **Jun 97 - May 98    Sailing around the World**

Having negotiated a one year leave of absence I joined a yacht (Oyster 70) sailing around the world as part of a rally celebrating Expo' 98. We sailed from the east coast of Australia to the Caribbean via Indonesia, islands in the Indian Ocean, South Africa, St. Helena, and Brazil.

### **Mar 87 - Jun 97    Seagate Software IMG Limited**

Employed by Holistic Systems Limited on their inception to design, code, and bring to market within a twelve month period a Decision Support / Executive Information System called Holos (see <http://en.wikipedia.org/wiki/Holos>). Holos was designed around a client - server architecture with the client being the IBM PC and the server running on a VAX/VMS machine. In 1993 Holos was awarded a British Design award by The Design Council. Holistic Systems expanded from a single office in Ipswich to a multinational company with offices in all major commercial regions of the world including America, Asia, Australia, South Africa, and Europe. Customers included NASA, NIKE, Boeing, HP, KPMG, ASDA, BOOTS and MARS amongst others. My contribution to Holos covered the design and implementation of data analysis tools, user interfaces, integration to third party database products, and many other components of the products fourth generation language. As the product evolved and the customer base expanded, demand grew for Holos on platforms other than VAX/VMS. I was instrumental in successfully porting Holos, and its development environment, to numerous Unix machines and Microsoft NT.

In early 1996 I became **Support Manager** managing a team of six people providing technical support to the world wide pre-sales and support groups. This position involved daily interaction with customers, the ability to understand and analyse any problems they were having with the system, and the provision of a prompt and accurate solution.

Above all, as part of the ethos of the company, the typical Holistic employee had to show initiative, be capable of working with minimal or no supervision, be dynamic, and able to turn their hand to any task as and when required. In 1996 Holistic Systems Limited was bought by the Vancouver based company Seagate Software and became known as Seagate Software IMG Limited.

### **Jul 85 - Mar 87    Metier Management Systems Limited**

Employed as a programmer providing support code and system utilities required to port a language development environment and 'Artemis' (a project management system) to various implementations of Unix. This work necessitated a thorough understanding of compilers, code generation, image linking, and the low level workings of Artemis.

### **Education**

Oct 82 - Jul 85    The University of Leeds.

Sep 80 - Jun 82    South Cheshire College of Further Education, Crewe.

Sep 75 - Jun 80 All Hallows Catholic High School, Macclesfield.

### **Qualifications**

B.Sc. (Hons.)	Computational Science, grade 2, class 1 with honours.
'A' Levels	Computer Science (A), Mathematics (C), Physics (E).
'O' Levels	Computer Studies (A), English Language (C), Geology (B), Geometric Drawing (A), Physics (B), Mathematics (B).
C.S.E's	Computer Studies (1), English (1), Geology (1), German (5), Religious Education (2).

### **Activities and interests**

I have a keen interest in all things nautical and run a web site from home – <http://www.OrwellAIS.com> - that plots in real time the positions of ships around the Suffolk Rivers and further afield. Apart from sailing around the world I've also owned a wooden Kestrel 22 and a Jaguar 21 which I sailed locally.

I hold an Amateur Radio licence – G0PJO –and I'm currently active on 40M, 10M, and 2M with Morse code being my preferred mode of operation.

I also enjoy swimming, bread making, travel and building circuits using Arduino, Netduino, and PICAXE microprocessors.

### **References**

Available on request.