

BRIAN GWYNNE WALTERS

EMPLOYMENT EXPERIENCE

1964–2001 Telecommunications and Electronics Technician

Various Employers including:

- Home Office D of Tels and Allied Aerosystems Ltd.
- My original training was in analogue telecommunications, including telephone systems, Private Mobile Radio, marine and aircraft radio systems. I was also employed in the field maintenance of the Police National Computer system.
- Later experience in repair and calibration of electronic test equipment primarily for the civil airline industry.
- Specialist experience in radio, radar and transmission techniques including transmission lines and time/angle/phase measurements.

ACADEMIC ACHIEVEMENTS & QUALIFICATIONS

- BSc Information Systems (Non-Honours). University of Glamorgan. Franchised college at Bridgend. Awarded June 2009.
- Dip-HE. Computer Sciences. University of Glamorgan. Franchised college at Bridgend. Awarded June 2008.
- BTEC HNC in Computing (Software engineering). University of Glamorgan. Franchised college at Bridgend. Awarded June 2006.
- CompTIA A+ Certified PC Engineer. Awarded June 2005.
- Web design and advanced Internet skills. 2 credits at OCN level 2. Awarded March 2005.
- Web Authoring and Computer Graphics. 2 credits at OCN level 3. Awarded March 2005.
- CGLI (City & Guilds) Intermediate Certificate. Telecoms Technician. Course 49, Radio C. Awarded 1975.
- PMG 2nd Class Certificate of Competence in Radiotelegraphy (Merchant Navy Radio Officer's qualification). Awarded 1970.
- Employment related training courses and seminars include:
 - Logic; including binary, octal and hexadecimal calculation.
 - High density and surface mounted repair techniques.
 - RF Vector Network Analysis (National Physical Laboratory).

TRAINING EXPERIENCE

- I have been trained in "Presentation techniques" by both the RAFVR(I) and the Home Office.
- Adult Education service course tutor at Brynteg School, Bridgend. Subject: Radio Amateurs Examination. Early to mid 1980's. Four years of five. Pass rates estimated at 75-85%.

COMPUTING EXPERIENCE

PROGRAMMING AND PLATFORMS

- Mid/Late 1970's. Programming early microprocessors at machine code and assembler level (Zilog Z80 and Intel 8085 microprocessors).
- Early 1980's. Acorn and BBC (Microsoft) BASIC. (Motorola 6502)
- Mid 1990's. PC based systems including Windows NT, Win95 but more recently Windows 98, Windows 2000, Windows XP (Home and Pro), Microsoft Vista and Windows 7 the latest Windows operating system. I also have experience with Linux (SuSe 10.3 and Ubuntu 7.10) and Apple-Mac (OS 9.x and OS X).

APPLICATIONS PACKAGES

- Microsoft Office 2000, 2003 for Windows and 2001 for Mac OS9
 - Macromedia (now Adobe) products
- Please refer to the attached "List of Software" for further information.

WEB DESIGN & INTERNET EXPERIENCE

- Security software, Firewalls, Anti-virus, and Spyware protection.
- Client side HTML, CSS, JavaScript, XML, DHTML and XHTML.
- Server side. ASP, ASP.net, CGI, PHP, Perl.
- Graphics, imaging and animation for the internet.
- Search engine optimisation and e-Marketing.

HARDWARE EXPERIENCE

Including my earlier professional experience and as a Comp TIA A+ certified technician, I am fully conversant all aspects of PC and Mac repairs, at both operating system software and hardware levels, including:

- RAM upgrades.
- ROM upgrades, including CD/DVD ROMs and re-writers.
- Hard drive installation, replacement and additions.
- External peripherals including printers, scanners and other devices.
- Home and small office networks. TCP/IP addressing.

GENERAL INFORMATION

I am currently "Retired" on medical grounds. Following spinal surgery I am unable to fulfil heavier engineering duties.

Date of Birth:- On request.

LIST OF SOFTWARE

MICROSOFT PRODUCTS INCLUDING:

Word	Word processor.
Excel	Spreadsheet manager.
PowerPoint	Presentation manager.
Outlook	E-Mail Client and calendar.
Publisher	Desktop publisher.
Access	Database design and management.
FrontPage (Office2000)	HTML Editor.
Project	Project management tools including PERT and PRINCE 2
Visio	Diagramming package.
OneNote	Note taker application.
InfoPath	Form creator and manager.
Photo Editor	Photograph manager.
Binders (Office 2000)	Labels and binder creation.
WEFT 3	Web Embedded Font Tools.
Visual Studio	Programming tools (VB.Net API).
Web Developer 2005	Web development tools including XML, VB, and ASP.net.
Microsoft Small Business Package:	
Business Planner	Business plan manager.
Direct Mail Manager	Mailshots.
Customer Manager	Customer database.
Financial Manager	Business accounting.

ADOBE PRODUCTS:

Go Live 5	HTML Editor.
Illustrator 10	Vector graphics package.
Photoshop 7, CS2 and Elements 2 onwards	Raster (Bitmapped) Graphics package.
Image Ready	Web Graphics.
Acrobat 6 Professional	Portable documents format files.
Atmosphere Builder	3-D Graphics.
PageMaker	Desktop Publisher.

MACROMEDIA PRODUCTS:

Studio MX2004, including:

Dreamweaver	HTML and web development Editor.
Flash	Graphics, Animation and Rich Internet Applications. Utilising "Flash Action Script".
Fireworks	Raster (Bitmapped) Graphics package.
Freehand	Vector Graphics package.
Director	Multimedia and Animation. Utilising "Lingo" scripting.
HomeSite	Webpage builder (light version).
TopStyle	Cascading Style Sheet designer.

IBM SOFTWARE:

Rational Rose Enterprise Edition	Unified Modelling Language (UML) Diagramming.
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JASC PRODUCTS:

PaintShop Pro 7 and 8 Animation Shop	Photograph and graphics package. Animated .gif files (Frame-by-frame).
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OTHER SOFTWARE PACKAGES:

Open Office 2.2	Open source "Office" package by Sun Micro Systems.
Oracle jDev10g	Java Programming. Application Programming Interface.
Oracle XE	Database manager (DBMS) Light version.
Sony SoundForge	Audio editing and recording suite.
Steinberg	Audio recording suite.
Audacity	Audio recording and Podcasting suite.
WS-FTP	File Transfer Protocol manager.
WinZip 14.0	File compression and archiving utility.
ArcSoft Video Impression	Video Editing tools.
Windows Movie Maker	Windows embedded Video Editing Suite.
Quark Express (Mac)	Desktop Publisher.
WinX DVD	DVD authoring and video conversion software.

TECHNOLOGIES:

Java	Object Orientated Programming language.
VB.net	Microsoft Visual BASIC Object Orientated Programming.
MyAdmin/MySQL *	Database management.
Apache *	Server technology.
PHP *	Server side scripting and programming.
ASP	Server side scripting (Active Server Pages).
HTML	Client side Web page scripting.
DHTML	Client side Dynamic HTML.
XHTML	Client side Extensible HTML.
XML	Extensible Markup Language (Server/client).
JavaScript	Client side scripting for interactivity.
Ajax	Web 2.0. Asynchronous JavaScript and XML.
CSS	Cascading Style Sheets.

NOTES:

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1. * MySQL, MyAdmin, php and Apache are installed locally as WAMP5 to allow for offline evaluation of active server side scripted web pages.