Curriculum Vitae.

Neil Ivor Baker MIDiagE.

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Skills and Experience.

Experienced in:-   Budgetary management and control.
Supervision and support of technical and artistic staff.
Total quality management (ISO 9000).
Logistics: stock control and procurement.
Equipment design, installation, commissioning, maintenance and troubleshooting.
Software design, installation, commissioning, maintenance and troubleshooting.
Customer contact at all levels.
Computer systems and network planning and management.
Video systems and digital image manipulation.
Supervision of, and liaison with, contractors and suppliers.
Planned maintenance and troubleshooting of diagnostic medical X-Ray equipment.
Liaison with radiographers, medical physics staff and medical staff.

Brief Career Details.

2005- July 2009.

Xograph Healthcare, maintenance, troubleshooting and installation of medical diagnostic X-Ray equipment, comprising all aspects of general X-Ray room equipment, including Digital Radiography (DR) equipment. Dental equipment including OPG and intra-oral types. Mobile DR equipment (incorporating DR) and Image Intensifiers (II). The work with DR and II systems involved the configuration and troubleshooting of networking interfaces and DICOM.

1994 – 2005.

Aardman Animations, I was responsible for the provision of all aspects of video assist equipment used in the studios and it's integration with other parts of the company's operations. This equipment can be thought of as a computer used as a video recorder and player. This work included designing and supervising the production of computer and electronic hardware and associated software. This was created both in-house, sometimes by me personally and also by external contractors. I supervised its use and initiated, when required changes and upgrades. I was also responsible for training users. Some screen shots and so on, are available at:-
http://www.sgns.co.uk/Services/Services.shtml
I was also involved in maintenance and troubleshooting of a wide range of electronic and electrical equipment used at the studios. I was also engaged in research and design work for the second generation of this equipment, its associated network, infrastructure and software.
In addition, I successfully ported a legacy dBase111+ database system to a Linux based implementation based on Perl and MySQL including a Graphical User Interface.

1987 – 1994.

DPCE Computer Services (later acquired by Granada). Initially employed as an engineer at a large Ministry of Defence site. This entailed maintaining and troubleshooting a mix of ICL, IBM and Comparex mainframe equipment, as well as, Digital (DEC), GEC and Cristian-Rovsing mini computers, PCs and their peripheral equipment, on a shift system.
I progressed to running the contract at the Rolls-Royce test beds in Bristol. This included PCs, network equipment, and minicomputers, mostly DEC, ranging from PDP11/03s to clustered VAX systems. I was also involved in the maintenance of two DEC PDP10 mainframes. I was

responsible for all aspects of the contract, including supporting and supervising customer's staff, provision of logistical support, profitability and ISO 9002 compliance. This post called for great tact, as while I was responsible for the serviceability of the equipment, I had no direct authority over the customer's staff.

1981 -1987.

Digital equipment Company, (DEC) installing and commissioning the entire product range ranging from mainframe to mini computers, normally, but not exclusively, in a technical environment. This equipment was installed in a variety of locations including hospitals, data centres, flight simulators, warships, research and educational establishments. The customers included the NHS, Royal Signals and Radar Establishment, GCHQ, the Admiralty and several engineering companies, as well as the normal range of computer users.

1975 – 1981.

Plessey Communication Systems, Field Service Engineer, servicing, installing and commissioning a wide range of equipment, both electronic and electro-mechanical, including electromechanical and electronic telephone exchanges, public address systems and fire defence systems. A significant part of this job was supervising contractor's staff and operations. I passed my Grade one engineer board in 1977.

I was the first engineer in the south west to be trained on the PDX computer controlled exchanges. This was mainly as a result of my evening class studies, undertaken on my own initiative.

1972 – 1975.

A rather hectic period servicing amusement machines for **Associated Leisure.**

1970 -1971.

GEC-Elliot, servicing and installing traffic signal and car park control equipment.

1968 -1971.

British Railways, Western Region, Chief Signal and Telecommunications Engineering Department. Probationer Technician. Effectively an apprentice. I was trained on mechanical and electrical signalling equipment, including signals, associated permanent way fittings, signal box equipment and railway communications equipment, including telephone and telex exchanges.

Other Interests and Achievements.

1979 – 1984: Royal Naval Reserve, eventually sailing in the capacity of Deputy Weapons Engineering Officer.

Until recently, I was a volunteer at Bristol Industrial Museum, often acting as skipper of the steam tug *Mayflower* and also assisting with the printing machines.

I was also the Chairman of the Avon Valley Steam Engine Society and was responsible for organising events at the City Docks and Downs, including the logistics and finance.

Currently: I own and operate, having restored from scrap over a fifteen year period, a 1914 steam roller. This means that I also maintain a mechanical workshop at home, including machine tools, welding equipment and so on.

Personal Details.

Born: 16 July 1952.　　　　Married, no children.
Home owner, no mortgage.　　Full driving licence.

Education and Qualifications.

Please note that training courses are only included below that included a significant element of generally useful theory. A number of other courses were successfully completed which referred to equipment and software which is no longer in common use.

2008. **Shimadzu MUX-100D, Duisburg.**

2007. **Canon Digital Radiography Systems, Amstelveen, Holland.**

2006. **Ziehm Vista/8000 systems, Nuremberg.**

2005. Use of automatic defibrillator .

2003. First Aid at Work, St. John Ambulance, Bristol.

2001. Using LINUX in a Microsoft Windows environment, GB Direct, Bradford, Yorkshire,

2000. NCFE Certificate, Programming in C++, City of Bristol College.

1999. NCFE Certificate, Programming in C, City of Bristol College. Television Technology, BBC, Centre for Broadcast Skills Training, Wood Norton.

1997. Supporting Microsoft Windows NT 4.0, Bristol.

1996. Supporting Microsoft Windows NT 3.51, Bristol. Welding and Brazing Soundwell College, Bristol.

1995. City and Guilds IEE Wiring Regulations 16th Edition (BS7671).

1994. Affiliate membership, British Computer Society.

1993. Novell Networking, Brunel College, Bristol. ISO 9000 auditor, Granada Computer Services.

1992. Driving licence category C+E (articulated heavy goods vehicle). Programming in C, Brunel College, Bristol. ISO 9002 Company Auditor, DECNet management, Local Area VAX Cluster management, BI Bus Theory, Granada Computer Services.

1990. RYA/ Dtp Coastal Skipper. Brunel College, Bristol. UK Radio Telephony Certificate, (VHF).

1987. Line Printer Fundamentals, Data Products. Laser Principals and Safety, Troubleshooting Software, Digital Equipment Company.

1988. Full membership, Institution of Diagnostic Engineers.

1985. Royal Navy First Aid certificate.

1983. Analytic Troubleshooting, Kepner-Tregoe. Data Communications, Digital Equipment Company, Munich.

1982. PDX PABX, Microprocessor Fundamentals, Plessey, Beeston.

1976. Relay and Switch Adjustment, Plessey, Liverpool.

1974 – 1980. Certificates in Basic Electronics 1 & 2, Digital Electronics 1, 2 & 3. (Digital 1 is an HNC credit. Digital 3 was degree level work) Brunel College, Bristol.