

Curriculum Vitae.

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Personal Profile.

I am an enthusiastic and technically proven engineer who possesses strong analytical and troubleshooting skills gained during a varied career in a number of different organisations. I am organised and adaptable, used to working to extremely high standards, often under demanding conditions and pressure and with a large degree of autonomy. I am experienced in dealing with a wide range of people including consultants, managers, contractors also artistic, medical and technical staff at all levels. I am an extremely effective planner and organiser, possessing excellent communication and IT skills. I am an adaptable person, interested in new technology and have often undertaken studies on my own initiative. I have a list of sixty four courses successfully completed, some at evening classes and also of course, at manufacturers. I hold a full driving licence, including HGV. I am seeking a challenging and rewarding position

Training Highlights.

- 2010. DMIS programming and MODUS, Renishaw, Wooton Under Edge.
- 2007. Canon Digital Radiography Systems, Canon, Amstelveen, Holland.
- 2001. Using LINUX, GB Direct, Bradford, Yorkshire.
- 1999 - 2000. NCFE Certificates, Programming in C & C++, City of Bristol College.
- 1999. Television Technology, BBC Centre for Broadcast Skills Training, Wood Norton.
- 1997. Supporting Microsoft Windows, Comtec Bristol.
- 1996. Welding and Brazing, Soundwell College, Bristol.
- 1995. City and Guilds IEE Wiring Regulations 16th Edition (BS7671).
- 1992. ISO 9000 Total Quality Management Auditor, Granada Computer Services.
- 1990. Dtp Coastal Skipper & UK Radio Telephony Certificate, Brunel College, Bristol.
- 1987. Laser Principals and Safety, Troubleshooting Software, Digital Equipment Company.
- 1983. Analytic Troubleshooting, Kepner-Tregoe. Data Communications, Digital Equipment Company, Munich.
- 1974 – 1980. Certificates in Basic Electronics 1 & 2, Digital Electronics 1, 2 & 3. (Digital 1 was an HNC module, Digital 3 was degree level work) Brunel College, Bristol.

Brief Career Details.

2010 – Present.

I am currently working as an Applications Engineer for Renishaw on the 'Equator' gauging system. Although this is a novel product, it utilises software, styli and probes also used in Renishaw's well known mainstream CMM products.

2005 - 2009. Xograph Healthcare, X-Ray Engineer.

Responsible for planned maintenance, troubleshooting and installation of a wide range of medical diagnostic X-Ray equipment. In addition to electronics knowledge this post also required electrical and mechanical skills. This post required liaison with radiographers, medical physics staff and other medical staff at all levels.

1994 – 2005. Aardman Animations, Technical Assistant, progressing to Production Systems Engineer.

I was responsible for the provision of all aspects of video assist equipment used in the studios and its integration with other parts of the company's operations. This 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.sgn.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.

On the IT front, I successfully ported a legacy dBaseIII+ database system to a Linux based implementation based on Perl and MySQL including a Graphical User Interface.

1987 – 1994. DPCE (later acquired by Granada CS). Engineer, progressing to Account Engineer.

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 created and ran the contract at the Rolls-Royce test beds in Bristol. This included maintaining and troubleshooting 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 this contract, including supporting and supervising customer's staff, provision of logistics, budgeting, profitability and ISO 9000 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) Associate Engineer, progressing to Engineer.

Responsible for 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, progressing to Grade One Engineer.

Responsible for servicing, installing and commissioning a wide range of equipment, both electronic and electro-mechanical, including 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, mentioned above, undertaken on my own initiative.

1972 – 1975. Associated Leisure, Service Engineer.

A rather hectic period servicing coin operated amusement machines and music systems installed in pubs, clubs and other leisure venues.

1970 -1971. GEC-Elliot, Controller Engineer.

Servicing and installing and commissioning traffic signal and car park control equipment.

1968 -1971. British Railways, Western Region, Chief Signal and Telecommunications Engineer's 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 and general electronics equipment, including telephone and telex exchanges.

Other Interests and Achievements.

Royal Naval Reserve, Weapons Engineering Mechanic.

Eventually sailing in the capacity of Deputy Weapons Engineering Officer.

Chair of the Avon Valley Steam Engine Society, responsible for organising events at the City Docks and Durdham Downs, including the logistics, transport and finance.

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