



## **Andrew Meredith CEng CITP ICT Systems and Software Engineer**

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### **Contact Details**

Address: 103 Castlehaven Close  
Chippenham  
Wiltshire  
SN15 3TG

Country: United Kingdom  
Mobile Tel: 07802 389007  
Home Tel: 01249 444240

Primary Email: [andrew@anvil.org](mailto:andrew@anvil.org)  
Web Site: <http://www.anvil.org/>

Nationality: British

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### **Summary**

I am a creative, innovative and highly competent Open Source Systems Engineer with over 20 years experience. I have a broad background in ICT systems from commercial communications to home desktop PCs, with extensive software development and systems administration experience. I enjoy challenging, problem-solving roles that enable me to use my skills and knowledge to find the most efficient and cost-effective Open Source solutions.

### **Areas of Expertise/Experience**

Unix/Linux Systems Administration  
IT Training  
Information Systems Design and Installation  
TCP/IP Networking Design and Installation  
Standards Engineer

## Industry Accreditation

### **Novell Certified Linux Administrator**

Issuer: Novell Inc.

Valid from: 09-Feb-2010

### **Red Hat Certified Engineer (RHL 6.1) (806100140100707)**

Issuer: Red Hat UK

Valid from: 01-Dec-1999

### **Chartered Member British Computer Society** - <http://www.bcs.org.uk/>

Since: May-1999

### **Chartered Member Institution of Engineering and Technology** -

<http://www.iet.org.uk/>

Since: Jun-1984

Formerly the IEE, which I joined at the student grade in college.

I also have:

### **Motorcycle Instructors Diploma**

Issuer: RoSPA Advanced Driving and Riding Association

Valid from: 01-Dec-1999

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## Experience

### **Independent ICT Systems Engineer**

Jul 08 - Present

I elected to close down "The Anvil Organisation Ltd" at the end of June 2008. I have continued to provide services for both established and new customers whilst enjoying being a new father.

### **Managing Director - The Anvil Organisation Ltd.**

#### **Self-employed**

Jun 00 - Jul 08

As the owner/operator I looked after all aspects of the company from sales and strategy, accounts and marketing. I also ensured that my customers received a first class service and that their IT infrastructures were reliable and effective in supporting their businesses. My services included daily monitoring of logs and notification emails and making sure that any service alerts from my the monitoring system were handled swiftly and without any user-affecting incidents. Customers were mainly small businesses who wanted their ICT services hosted on their own equipment and to be able to run open source software in order to be in full control of their businesses.

Through this period, I was also deployed by various training organisations to present both public and on-site courses in Unix and Linux Systems Administration at all levels and software development using C, C++, Shell

Scripting & Java. For several years I was the main Red Hat RHCE instructor and examiner for Red Hat's UK training operation.

### **Lead IT Systems Engineer - Motorola - GSM Systems Division**

#### **Permanent contract**

Feb 92 - Apr 00

My role involved assessing project requirements and delivering design, implementation, installation, training, administration and user feedback monitoring for both Software Engineering projects and IT systems.

For example I was the originator, architect, lead developer and team leader for a commercial product to configure Motorola GSM Base Sites called DataGen. I am given to understand it is still sold today and still commands a 5 digit price tag per seat.

I represented Motorola at European Telecommunications Standards Institute (ETSI). I was made "Rapporteur" for the "Short Message Service - Cell Broadcast" document defining the key protocol between the Cell Broadcast Controller and the GSM radio equipment.

I was designated team leader, lead designer and lead programmer on a project to create the first Cell Broadcast Centre to go live on a European GSM network.

I was an internal consultant to other departments on IT issues and an internal trainer for TCP/IP, Unix Admin, C & C++ programming.

### **Systems Engineer - Advanced Digital Technology (UK) Ltd**

#### **Chippenham, United Kingdom - Permanent contract**

Jul 89 - Jan 92

A small (formerly) Unix based IT supplier specialising in small business systems. I was responsible for design, implementation and subsequent support for a number of bespoke UNIX systems using C, Bourne Shell, Sculptor 4GL & SQL, Informix SQL & C-ISAM. I also provided telephone support for: PCs, Printers, VDUs, Bespoke Systems, UNIX, MSDOS, Windows 3.0.

### **Software Engineer - Creativity Software Limited**

#### **Nr. Malham, N. Yorks, United Kingdom - Permanent Contract**

Sep 88 - Jun 89

The software wing of a group of management consultancy companies. I worked with the Technical Director on the design, implementation and extension of a PC based graphical planning tool for senior executives, written in Turbo Pascal. From February 1989 I spent a proportion of my time with clients, installing and updating their systems and discussing future extensions. I was involved in the logistical planning for several Board-level computer based conferences. I also set up the conference equipment and provided on-site technical assistance.

### **Mechanic/Salesman - Cotswold Camping**

## **Temporary Contract**

Jan 78 - Jan 82

Mechanic/Salesman for Outdoor Pursuits equipment and Bicycles.

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## **Education**

**Polytechnic of Huddersfield**, Huddersfield, United Kingdom **1984 - 1988**

**BEng Electrical & Electronic Engineering** ( )

Electronic Design, Communication Systems, VLSI Systems, Computer Engineering, Intelligent Systems

Final Year Project: Designing, building and testing a high quality stereo active 3-way cross-over network for use in a 3-way hi-fi amplifier or a PA system

**Hereford Cathedral School**, Hereford, United Kingdom **1977 - 1984**

O, OA & A Levels (