

# Ian Anderson

IEEE (Member)

MAIN EMPLOYMENT EXPERIENCE TRAINING EDUCATION PERSONAL

## Value Proposition

***My diverse experience displays my adaptability to changing business environments. This enables me to quickly understand your requirements, leading to a short learning cycle, minimised training costs and hence a fast route to full effectiveness.***

## Summary

I am presently employed as a Controls Engineer, with prime focus on leading the creation and updating of process control displays used in environments such as offshore oil rigs, refineries and chemical plants.

Prior to this I had a business lead role, providing product management for a range of solid state liquid level and fibre optoelectronic products, with sales revenues of around USD 9 million, showing around 100% growth during my tenure. Previously I worked in an environment requiring an understanding of the big picture married to an ability to focus on attention to detail, such that document change control per ISO9001 was fully complied with. Prior to this I worked in a high volume electronic sensor manufacturing environment, focusing on developing technical relationships with key global customers to understand their sensing requirements and hence enhance the value to those customers of working with my company.

My earlier career focused on the control of steam turbine-generators and auxiliary plant, including developing control philosophies and designing and maintaining the associated control, monitoring and protection equipment.

I also have a website design consultancy, [SiteGuru.co.uk](http://SiteGuru.co.uk), that I run in my spare time from home. This consultancy enables me to keep on top of the latest trends in website design and technologies, such that I can create custom websites and code scripts as required by my clients. These websites and scripts may be plain HTML (or XHTML) per W3C standards, they may incorporate JavaScript for client-side control, or they may include some server-side pre-processing using ASP (in VBScript or JScript) or PHP. There may also be a back-end database of various flavours, such as Oracle, MS SQL, MySQL or MS Access.

I have also been a Full member of the Institute of Electrical and Electronics Engineers Inc. (IEEE) since May '95, and an Associate member since October '94.

Thank you for your interest in my resumé. Please see my [PERSONAL](#) link for details on how to get in touch with me.

©2009, Ian Anderson. All rights reserved.

MAIN

EMPLOYMENT

EXPERIENCE

TRAINING

EDUCATION

PERSONAL

## January 1997 to present.

Honeywell Controls Systems Limited  
Newhouse  
Motherwell  
Lanarkshire  
ML1 5SB  
Tel: +44 1698 481000  
Email: [ian.anderson@honeywell.com](mailto:ian.anderson@honeywell.com)

### Jun '07 to present

Controls Engineer, working in the Control Engineering section of Honeywell Process Solutions' UK Projects division.

### Aug '03 to Jun '07

Product Support Manager, working in the Emerging Products Marketing department of Honeywell's Sensing and Control business unit.

### Dec '01 to Aug '03

Factory Liaison Engineer, working in Honeywell's Engineering Systems department.

### Oct '98 to Dec '01

Applications Engineer, working in the Commercial Marketing department of Honeywell's Sensing and Control business unit.

### Jan '97 to Oct '98

Product Support Engineer, working in the Commercial Sensors Design department of Honeywell's Sensing and Control business unit.

## September 1981 to January 1997.

Parsons Power Generation Systems Limited  
Heaton Works  
Shields Road  
Newcastle-upon-Tyne  
NE6 2YL  
Tel: +44 191 2650411

### Jan '95 to Jan '97

Control and Instrumentation Operations Engineer, working in the Control Systems Operations department.

### Feb '92 to Jan '95

Design Engineer, working in the Control Systems Engineering department.

### **Jan '85 to Feb '92**

Technical Assistant, working in the Control Systems Engineering department (formerly the Turbine Generator Instrumentation Department).

### **Sep '81 to Jan '85**

I served an Apprenticeship as an Electrical Technician, my Certificate of Apprenticeship being awarded on the 10th January 1985.

©2009, Ian Anderson. All rights reserved.

### Jun '07 to present

Controls Engineer, working in the Control Engineering section of Honeywell Process Solutions' UK Projects division. Responsibilities include ...

- Running graphics workshops with customers to define the graphical and user-interface requirements of a project. (Prior examples include workshops for Conoco-Phillips' Blending Automation project at Humber refinery; BP's Aurora project at Sullem-Voe Terminal, Shetland; Shell's safety system and related upgrade projects at St. Fergus Gas Plant, Peterhead).
- Managing design resources to develop graphical displays and related items.
- Developing and/or upgrading process control displays for use in Honeywell Experion PKS and Plantscape system installations.
- Creating new custom shapes for process control displays, in accordance with customer requirements.
- Developing and/or upgrading process control software modules for use in Honeywell Experion PKS and Plantscape system installations.
- Creating channels, controllers and point/tag database server entries in accordance with system requirements.
- Interpreting P&IDs and loop diagrams to implement the displays, control modules and server data described above.
- Participating in the Factory and Site acceptance testing of Experion PKS and Plantscape systems.

### Aug '03 to Jun '07

Product Support Manager, working in the Emerging Products Marketing department of Honeywell's Sensing and Control business unit. Responsibilities included ...

- Managing the product portfolios for a combined USD 9 million revenue solid state liquid level and fibre optoelectronics businesses.
- Owning the profit and loss (P&L) account for this business.
- Driving top line growth whilst controlling costs and pricing. (Sales have grown around 100% during my tenure).
- Developing product roadmaps to support business growth.
- Providing Applications Engineering support for these product lines and also current sensing technologies. (See also Oct '98 to Dec '01).

### Dec '01 to Aug '03

Factory Liaison Engineer, working in the Engineering Systems department. Responsibilities included ...

- Managing change control for the range of configurable products manufactured at Newhouse but whose engineering design is controlled elsewhere, such that Newhouse retains compliance with ISO9001 for document change control. These products include the Trendview video chart recorders, pressure sensors and indicators.
- Developing and maintaining web-based configurator utilities for these products to reduce order processing man-hours (by typically 50%) and hence product costs (by typically £5 per unit). The knock-on benefit is that the configurators also help to reduce the typical delivery lead time by 24 hours.
- Ensuring that revision numbers of documents and products match their respective items in the document control system (MetaPhase ... migrating to MatrixOne).

## Oct '98 to Dec '01

Applications Engineer, working in the Commercial Marketing department of Honeywell's Sensing and Control business unit. Responsibilities included all of those for Product Support Engineer (see below) plus ...

- Developing close technical relationships with key global customers, and using Concept Engineering to understand their current and future sensing requirements.
- Developing, maintaining and upgrading an Intranet web site for sensors, providing 24 hour applications information and up-to-date product data sheets.
- Creating applications tools, stand-alone and web-site-based, to aid the sales organisation and customers in the selection and application of sensing products.
- Working as part of a global team to introduce the sensing products to the Internet web-based Interactive Catalog.

## Jan '97 to Oct '98

Product Support Engineer, working in the Commercial Sensors Design department of Honeywell's Sensing and Control business unit. Responsibilities included ...

- Working closely with key customers and sales affiliates to understand how the sensing products are applied.
- Providing technical support to customers and sales affiliates on sensing products.
- Developing new products in line with key customer requirements.

## Jan '95 to Jan '97

Control and Instrumentation Operations Engineer, working in the Control Systems Operations department. Responsibilities included ...

- Responding to customer queries to overcome control and instrumentation operational problems, using Matlab/Simulink where appropriate.
- Developing alternative control techniques for controlling steam valves.
- Ensuring that in-works and subcontractor equipment testing progressed efficiently and on time.
- Maintaining and upgrading control, monitoring and protection systems, including software and hardware modifications to improve equipment performance.

## Feb '92 to Jan '95

Design Engineer, working in the Control Systems Engineering department. Responsibilities included ...

- Design, testing and repair of electrical and electronics circuits (analogue and digital).
- Preparation and testing of control, monitoring and protection systems to written specifications in line with customer inspection requirements.
- Writing of functional design and test specifications for control, monitoring and protection systems, with particular consideration given to Quality Assurance.
- Implementation of training courses, in the UK and overseas, to familiarise customers with the design concepts and operation of control, monitoring and protection systems.

## Jan '85 to Feb '92

Technical Assistant, working in the Control Systems Engineering department (formerly the Turbine Generator Instrumentation Department). Responsibilities included ...

- Testing and repair of electrical and electronic circuits.
- Prototyping and optimising of circuits designed by others.
- Commissioning of control, monitoring and protection systems in the UK and overseas, in both a hands-on and supervisory capacity.

©2009, Ian Anderson. All rights reserved.

I have completed the following training courses and activities below, shown in reverse chronological order ...

- Total Plant Configurator training (a self-learning on-line Honeywell training course).
- Experion PKS Graphics Design and Building (a 4-day course during August 2007 – in-house at Honeywell's Automation College in Manchester).
- Six-Sigma *Plus* green-belt training (a 3-day and a 2-day course during March and April 2003 - in-house at Honeywell). Certification is pending successful completion of a green-belt project.
- Concept Engineering (Voice of the Customer) - a structured methodology of learning and understanding your customers real requirements (three 1-week courses, during April, May and July 2000 - in-house at Honeywell by CQM - [www.cqm.org](http://www.cqm.org) ).
- Creating Web Pages in FrontPage 98 (January '99 - in-house at Honeywell).
- Value-Base Selling - understanding the political dimension of any business relationship (November '98 - Holden Corporation - [www.holdencorp.com](http://www.holdencorp.com) ).
- Sales Development (April '98 - in-house at Honeywell by PMC).
- Account Management and Development (March '98 - in-house at Honeywell by PMC).
- Team Building and Teamwork (September '97 - in-house at Honeywell).
- Programmable Logic Controller training course (July '96 - GE Fanuc).
- Earthing, Shielding and Surge Protection of Electronic Equipment for Instrumentation and Control (March '96 - Automated Control Systems).
- Systems Engineering Awareness (November '93 - in-house at Parsons).
- Effective Speaking (October '93 - in-house at Parsons via Communications Consultants).
- Hazard Analysis Colloquium (November '92 - Institute of Electrical Engineers).

©2008, Ian Anderson. All rights reserved.

## Further Education

Newcastle College(formerly College of Arts and Technology)  
Maple Terrace  
Newcastle-upon-Tyne

- July '88 : BTEC/HNC Electronics Engineering
- July '86 : BTEC/HNC Electrical Engineering
- July '84 : BTEC/ONC Electrical Engineering

## Secondary Education.

Lord Lawson Comprehensive  
Portobello Road  
Birtley  
Chester-le-Street  
Co. Durham

- Summer '81 : 9 GCE 'O' Levels ... Biology, Physics, Chemistry, Mathematics, Geography, English Language, English Literature, French and German.

©2008, Ian Anderson. All rights reserved.

**Postal Address**

2 Saddlers Court  
Strathaven  
Lanarkshire  
ML10 6UT  
United Kingdom

**Telephone**

+44 (0)1357 529314

**Email**

resume@siteguru.co.uk

**Nationality**

British

**Date of birth**

10th January 1965

**Status**

Married with two children

**Licenses**

Full car (May '88) and motorcycle (January '90)

**Hobbies**

My hobbies and interests include motorcycling, golf, computing, web site creation and general programming, and reading.

©2008, Ian Anderson. All rights reserved.