

## Personal Profile:

Chartered Software Engineer with over 22 years experience in the SCADA PLC controls industry. Recently refreshed programming skills with a 16 week Software Development course at CodeClan in Edinburgh. Adrian is organised, motivated and efficient, able to implement, test and support systems. Excellent interpersonal skills, able to communicate well at all levels. Effective team-worker with excellent time management abilities. Seeking next career challenge to utilise existing and updated skills and experience.

## Key Skills:

- A good knowledge of software and programming languages
- Ruby, Java, JavaScript, HTML and CSS
- Project Planning and maintaining budgets and costs
- The ability to interpret and follow technical plans
- A creative approach to problem solving
- Committed to continuing professional development

## Employment History:

**Sept 2016 - Present**      **CodeClan - Student developer**

Professional Development Award in Software Development: Object Oriented Programming, Web application development, Test Driven Development.

**2013 - Aug 2016**      **Aker Solutions - Principal Engineer**

Responsible for SCADA and PLC topside control systems with a team of 8 engineers. Developed multiple PLC control systems on Rockwell and Wonderware platform for subsea control projects - in North Sea and Brazil.

**2007 - 2013**      **Aker Subsea Limited - Lead Engineer**

Developed a new Master Control System for Petrobras Brazil. First time development of a PLC MCS for Aker Subsea. Lead the team responsible for developing the system from scratch on Rockwell PLC and Wonderware InTouch application. Project expanded into a further 5 project systems for a range of OPC server based SCADA Control systems. Also developed new control system HMI standard using ICONICS Genesis 32.

**2001 - 2007**      **Kvaerner Oilfield Products - Team Leader**

Responsible for the development of Siemens PLC control systems for Statoil Troll projects. Development and support of Hydraulic Power Unit PLC. Responsible for the development of over 130 HMI display screens for offshore platform control system on Siemens PCS.

**Education:****2016 CodeClan**

Professional Development Award in Software Development.

- Computer science theory
- Object Oriented Programming
- Web application development
- Test Driven Development

**2008 Open University****User Interface Design & Evaluation**

1 year distance learning, comprising modules:

- Human Computer Interaction
- Web Site design
- User Interface Evaluation
- User Interface Design
- Graphical User interfaces.

**2002 Open University****Diploma in Design & Innovation**

2 year distance learning, comprising modules:

- Design: principles and practices,
- Innovation: Design, environment and strategy.

**1993 Robert Gordon University****BEng (Honours) Electrical & Electronic Engineering**

4 year full time degree course, including 1 year industrial placement with Shell UK Exploration and Production prior to final honours year.

**Training courses:**

- Understanding and Applying IEC61508
- Rockwell Control Logix Programming
- ICONICS Genesis32 and ICONICS Genesis64
- Wonderware InTouch
- Alarm Systems Management (Site consulting and EEMUA)

**Additional Information:**

Interests include practical hands-on work using mechanical skills - have built a Lotus Seven kit car and carry out all maintenance and repairs.

Enjoy building, crafting and creating objects from wood and metal using various tools and equipment.

Owner of small craft business [www.udnydesigns.co.uk](http://www.udnydesigns.co.uk) with all money raised provides therapy for my youngest son Thomas (age5) who has additional needs.

Weekly blog on software development : [www.adriantuckwell.co.uk/blog/](http://www.adriantuckwell.co.uk/blog/)

Git hub address: <https://github.com/AdrianTuckwell>

**Memberships:**

- CEng Member of the Institute of Engineering and Technology (IET) and Engineering Council.
- Secretary of the Hill of Fiddes Wind Turbine Fund.