

Phillip Ingham

- Personal Information
- Marital status: Married
 - Children: 1 daughter(6), 1 son(3)
 - Nationality: British
 - Date of Birth: 13th November 1972
- Education
- 1991 - 1994 The University of Birmingham Edgbaston, Birmingham
BEng (Hons) Electrical & Electronic Engineering Grade 2(i)
- Modules included – C programming, Z80 processor programming, FORTH programming, Social Effects of Data Storage , Control System Analysis & Design; Operational Research in Management & Production
- 1989 - 1991 The John Port School Etwall, Derbyshire
A-Level
- Pure & Applied Maths (C); Technical Illustration (C); Physics (D); General Studies (C)
- 1984 - 1989 The Hatton School Hatton, Derbyshire
GCSE
- Maths(A); English Language(C); English Literature(C); Geography(C); Computer Studies(A); Chemistry(B); Physics(B); CDT-Graphics(A); CDT-Realisation(C)
- Professional experience
- 2001 - present Siemens Automation Solutions Coventry
Technical Specialist for Oil & Gas/Process Safety Team
- *I am the technical authority within the Oil & Gas team, for design and production of safety critical software (using the PCS7 platform). I have extensively used PCS7, F-Systems software & S7-400 controllers to produce safety systems for ESD and F&G in the UK Oil & Gas industry sector. Within Siemens I have attended technical consultant level training for the PCS7 and F-Systems products. My job function includes, Project Management, providing support (technical and sales), managing & disseminating information to the team, making presentations (both internally and to customers) & authoring technical documentation. Another important aspect of my work is being a member of the SIL determination team, who facilitate SIL determinations and HAZOPs on the behalf of customers. I have worked on projects for the following companies*
 - Centrica Storage Ltd – Easington & Rough offshore.
 - National Grid
 - Isle of Grain LNG Terminal
 - Heathrow T5 tunnel transit safety system
 - Shell UK, St.Fergus – Project Goldeneye
 - *Other customers British Gypsum, Land Rover, Quinn Glass, JLS Ovens*
- 1999 - 2001 INTEGRA Automation Systems Burton, Staffordshire
part of GRAMAC group
Senior Project Engineer
- *Managing electrical projects for the GRAMAC group. My role included project management tasks (resourcing and budget), engineering design and implementation as well as making presentation and training sessions. As the GRAMAC group were a mechanical handling company I was also involved in the design of the machine safety systems. I have worked on projects for the following companies*
 - HONDA – Swindon: Water Test Facility.
 - Interbrew UK – Samlesbury: Level Monitoring System.
 - Nestlé UK – York: Case Handling System.
 - Nice Pak International – Flint: Wet Wipes Facility.
 - Procter & Gamble – Dover, USA: Wet Wipes production facility.
 - *Other customers Kimberly Clark, Cadbury, Arkady Craigmillar, ROMEC/Royal Mail, AMEC/Johnson Matthey, FCP, KODAK, MasterFoods, Coventry & Solihull Waste Disposal*

1994 – 1999 East Midland Controls Burton, Staffordshire

Project Engineer

- *Software & hardware engineering as part of a design & production team, including*
- Heathrow Airport
- Gatwick Airport – SCADA software
- H J Heinz – Kitt Green, Wigan: PLC and HMI software for packaging hall
- Halfords – Redditch: National Distribution Centre. SCADA development & commissioning
- Procter & Gamble – Packaging line in Spain
- *Other customers Thorn Automation, Morris Mechanical Handling, Coca-Cola, Merck, Sharp & Dohme, FCP, McVities,*

Software Experience

During my employment & training I have gained experience in the following software and design packages

PLCs- Siemens PCS7, STEP7, STEP5, P-Diag, S7-GRAPH, F-Systems, Rockwell RSLogix5000(ControlLogix); RSLogix500(SLC); RSLogix5 (PLC5), OMRON Syswin, Mitsubishi GPP-Win

Graphical SCADA- Siemens WF470, ProTool, WinCC, WinCC Flexible, PCS7, Rockwell PanelBuilder, RSView, Mitsubishi MAC, FactoryLink, Intouch, FixDMACS

OS-Microsoft Windows 3.11/95/98/NT/2000/XP; OS/2

Programming- C/C++

Networks- Ethernet, TCP/IP, DeviceNet, PROFIBUS, AS-I

Other-AutoCAD, Oracle, SQL, MS Office (Word/Excel/Project/Access/Powerpoint), Adobe

Acobrat/Premiere/Photoshop, Macromedia Flash/Dreamweaver

Professional memberships

MIET (formally MIEE). Currently my application for Chartered Engineer is being reviewed and I am awaiting my interview details.

Awards & Courses received

- Practical Ethernet for Engineers
- Wonderware Intouch Developers Fast-track
- Intellution FixDMACS Developers
- ORACLE 7 Introduction workshop
- HSE ECA Health and safety – H&S awareness for site supervisors
- AD Lifting/Hoisting – use of gantry, hoist & loose lifting gear
- Rockwell RSLogix5 Fast-track
- Rockwell ControlLogix with Motion seminar
- AMHSA: Machine safety Standards Electrotechnical Aspects
- Siemens AS-I & AS-ISafe Product training
- Siemens S7-400 HF & PCS7 Product training
- SIMATIC S7-400F workshop
- BOSIET Offshore & Sea survival training
- Practical Safety Instrumentation & ESD Systems for Process Industries
- SIMATIC PCS7 applications Workshop
- SIMATIC PCS7 & F-systems Technical Consultants Conference
- CFSE training
- SIMATIC WinCC Flexible Workshop
- IEE SIL Determination Seminar
- SIMATIC PCS7 Custom Libraries Workshop

Personal & Community Interests & activities

I have designed and authored a county council initiative brochure highlighting artists and their studios in the county – with a circulation of 20,000+ culminating in a large exhibition. I have an active interest in the local pre-school and have recently been involved in the Risk Assessment of the premises. I enjoy food and cooking, both at home and dining out. My health & fitness is a priority and I exercise on a regular basis. I generally enjoy the outdoor life, especially visiting the coast. In the past I have participated in several sports including football, hockey, rugby, Muay Thai boxing, karate & swimming (most at a competitive level). During my time at college I travelled extensively around Europe visiting most of the major cities in the continent, I enjoy languages and cultures and speak a little French, German and Italian.

Other

Full UK driving licence since 1990

References

Reference details available on request