

Adrian Bourner

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PROFILE

An experienced IT professional specialising in the analysis, design, development and implementation of bespoke software in various MUMPS environments. Sound technical skills in project management of IM&T projects. Clear understanding of Electronic Data Interchange (EDI) in the healthcare arena. Fifteen years' professional experience of Health Service computing.

KEY SKILLS

- Development of effective MUMPS code to meet complex user requirements
- Effective project management of IM&T related projects
- Implementation of EDI solutions for pathology results
- Analysis, design, development and implementation of healthcare related systems
- Design and delivery of IM&T training courses
- Communication with users at all levels
- Staff management

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CAREER REVIEW

Independent Consultant, Reality Consulting Limited

January 1996 - date

Reality Consulting Limited is a small IT consultancy delivering a variety of services (primarily to the National Health Service), including bespoke software development, product support, project management, M Technology training courses and contract programming in M Technology, Pace, Pick and C. The company is run as an ethical co-operative.

Contracts undertaken for various clients include:

- Writing and implementing a MUMPS system to provide pathology results data for Electronic Data Interchange (EDI) purposes for five major NHS Hospitals. This system includes functionality to: define a mapping between local pathology tests and the bounded list of Read terms for the national Pathology Messaging Implementation Project (PMIP), based on any combination of test, specimen type, fasting status and time offset; and to utilise that mapping to export the appropriate Read code for each test, dependant on the current value of the specified combination of fields
- Writing and implementing MUMPS code to extract data from a legacy MUMPS based Patient Administration System for a major NHS Trust
- Writing and implementing a MUMPS system to interface blood analysers to an NHS Trust pathology system
- Development and delivery of a three day "Introduction to MUMPS" training course
- Development and delivery of a three day "Advanced MUMPS Workshop" training course
- Support of Reality's suite of MUMPS products
- Procurement consultancy, including analysis of requirements, for a pathology department wishing to purchase a replacement EDI results solution
- Procurement consultancy, including analysis of requirements, to produce Summary of Need documents for a small pathology department purchasing a new system
- Project support for an NHS Executive (Information Management Group) project on implementing EDI in the NHS (GP/Provider Links Project)

Most recent programming contract:

National Health Service Information Authority (NHSIA)

January 2001 - November 2002

This programming contract involved working as part of a small team writing a MUMPS based system to manage the national accreditation of General Practice (GP) systems for pathology EDI against Requirements For Accreditation (RFA), and to deliver the National Messaging Assurance Service (NMAS), a nationwide NHS EDIFACT message testing and checking service.

- Providing technical input to select an appropriate MUMPS environment (MSM or Cache) for the project (MSM-NT was chosen)
- Writing detailed module specifications from user-based system specifications
- Writing effective MUMPS code to match the module specifications
- Testing new MUMPS code written by other team members

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South Western Information Systems (Now EDS Healthcare UK)

1986 - 1995

South Western Information Systems (SWift) was responsible for developing complex medical applications used in hospitals and community units throughout the South West and elsewhere in the UK. The organisation was at the forefront of developing and implementing a number of major NHS initiatives in Information Technology, including the development of a second-generation Hospital Information Support System (HISS). SWift was a major supplier of systems to the NHS. Systems were developed in DSM for open VMS running on DEC VAX and DEC Alpha AXP machines under VMS, in MSM running on UNIX platforms and in DSM-11 running on DEC PDP-11 machines.

Note: In September 1995 SWift Information Technology was purchased by Electronic Data Systems (EDS) and is now known as 'EDS Healthcare UK'.

Product Services Team Leader

1993 - 1995

Team Leader of the support and implementation team responsible for the Histology, Cervical Screening and Microbiology modules of SWiftLab, an integral part of SWift's HISS, together with a large number of existing older systems.

- Managing a large team of Analyst/Programmers
- Managing the implementation of the new Microbiology module of SWiftLab at two sites
- Ongoing project management of 27 new implementations using PRINCE methodology
- Managing support of existing systems: a total of nine applications at 34 installations
- Allocating resources within a budget of £1/2m
- Successfully negotiating with prospective users for the sale of the Cervical Screening module of SWiftLab
- Managing the development of departmental user training standards as part of SWifts BS-EN-ISO 9001 Quality initiative

Histology/Cervical Cytology Team Leader

1992-1993

Team leader of the development, support and implementation team responsible for the Histology and Cervical Screening modules of SWiftLab.

- Managing a team of eight analyst/programmers
- Managing the development, pilot and implementation of a new module for Cervical Screening, now used in hospitals across the South West
- Development of configuration management standards and procedures, now adopted throughout the department as part of SWift's BS-EN-ISO 9001 Quality initiative

Group Leader

1990-1992

Group leader responsible for development of the first module of SWiftLab.

- Managing a team of four analyst/programmers
- Development of the Histology module of SWiftLab
- Managing the Histology pilot at Southmead hospital, a major teaching hospital in Bristol
- Project management and implementation of the Histology module, including specification, coding and running of data conversions, at five hospitals
- Designing and delivering application training programmes at major hospitals

Senior Analyst/Programmer

Senior Analyst/Programmer working on the design of SWiftLab, a major NHS Information Technology initiative, which was subsequently adopted as an NHS standard.

- Analysis of SWiftLab, using SSADM, including liaising with consultants and laboratory staff at all major hospitals in the South West
- Design of the data model for SWiftLab
- Physical design of SWiftLab modules, including specification of functions and data structures

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Analyst/Programmer 1986-1988

Analyst/Programmer working on the support and implementation of a widely-used first generation pathology system (Phoenix).

- Managing two programmers, responsible for supporting Phoenix
- Development of automated machine interfaces to Phoenix
- Implementation of Phoenix at Southmead hospital (a major teaching hospital in Bristol), Truro and the Isle of Man
- Various hardware and operating system administration tasks

QUALIFICATIONS

Higher National Diploma in Mathematics, Statistics and Computing at Portsmouth Polytechnic (1986).

TECHNICAL EXPERIENCE SUMMARY

HARDWARE: DEC Alpha AXP, DEC VAX, DEC PDP-11, HP 9000 UNIX platforms, PC.

LANGUAGES: MUMPS (M-Technology), BASIC

OPERATING SYSTEMS VAX DSM, DSM-11, VMS

PACKAGES: Various PC packages, particularly Microsoft Office.

RELEVANT TRAINING COURSES

Advanced DSM
VAX DCL
VAX DSM System Management
CASE communications
Basic systems analysis
2-week Structured Systems Analysis and Design Methodology (SSADM) course
BIS Team Leading
PRINCE Project Management
PROMPT Project Management

PERSONAL

Date of Birth: 17 August 1966

Interests: Surfing, T'ai Chi Chuan, Alexander Technique, independent travel, sport kiting and badminton. I teach T'ai Chi Chuan and am studying part-time to become a teacher of the Alexander Technique. I have taken several sabbaticals during my career, including three months as a climbing instructor in North America at a Boy Scouts' camp in 1988, nine months in Australia and South East Asia in 1990, two months in Nepal in 1992 and two months in Indonesia in 1997.