

Curriculum Vitae

David Sinfield

Personal Information

Name : **David Sinfield**

Date of Birth : **24th July 1952**

Marital Status : **Widowed**

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Computer Languages

Visual Basic for DOS
.Net (VB, c#, ASP, WCF, WebParts)
JavaScript (inc JQuery)
XHTML
HTML 4.0

Visual Basic 3.0 and up
Quick Basic 4.0
VBScript
CSS (inc Bootstrap)
XML (Schema and XSLT)

Applications

MS Office
Visual Studio
Visio
Microsoft Dynamics CRM
MS SharePoint Portal Server
WSS (configuration and programming
against the object model)

Visual Studio 2003 & 2005
XML Spy
Argo UML
MS BizTalk
OpenOffice/Libre Office

Operating Systems

Windows to Windows 10

DOS to v6.0

Ubuntu to 14.04

Exposure to Solaris 8

Key Skills

.Net Development
Analysis
Strategy
Mentoring
Implementing Electronic Government
Integration
Accessibility
Test Driven Development
SOA
Project review
Security Cleared to SC by Steria and
Parity (now expired)
DevOps

Programming
Documentation
Technical Design
Software architecture
Stakeholder management
XML Design
W3C standards
Agile and SCRUM
Client facing
Awkward projects
Delivery focussed
IaaS, PaaS, SaaS, MaaS

Work History

Personal Projects

May 2016 - Present

Following the death of my wife after a long illness I have taken a break and worked on some personal projects and development. In particular:

Using the free trail of Dynamics CRM 2016 to develop my skills using the online product.

Working on some web applications for friends including a scheduling application in mysql, php, javascript and JQuery which is still a work in progress and a basic course booking and content management system in asp.net which I am planning to upgrade to php and javascript.

- Learning Python programming language.
- Writing a paper based on experience of agile working, dealing with change and project governance. Still a work in progress.

Working with a friends company in Bucharest helping him develop his collateral in both UK and and American English.

- Looking at the Raspberry Pi development kit. Getting back to the basics.
- Teaching outdoor skills with <http://www.forestknights.co.uk>.

Solution Architect North Somerset Council (Agilisys)

January 2016 – May 2016

Weston-Super-Mare

Responsible for the technical architecture of an the council's transformation project to replace Dynamics CRM and other applications. The aim being to web enable as many of the transactions between the public and the council as possible and improving resolution of enquiries through other channels. Technologies involved are:

- Sharepoint 2010
- Biztalk
- Sql Server
- Mobile working applications
- Line of business applications
- Agilisys Digital

Part of the transformation was migration from locally hosted to solutions into the Agilisys cloud which provides PaaS, IaaS, SaaS and MaaS from dual data centres. I was responsible for specifying the cloud infrastructure requirements including connectivity and virtual server specification.

I was involved in the change management issues around the roll-out of iPads to care workers and occupational therapists who were resistant to the new working methods. I provide support to the change management team to explain how the technical risks were mitigated.

Solution Architect Norfolk County Council

May 2015-September 2015

Norwich

I produced a strategy document for the introduction and integration of Dynamics CRM into the Contact centre and more widely across the council with the aim of rationalising the software estate, driving savings by channel shift to online self-service and more efficient contact handling by aggregating information on customers. This involved:

- Working with contact centre agents to understand how they interacted with customers using the plethora of applications in use
- Working with directorate stakeholders to understand how they use the existing applications in the as-is landscape and how efficiencies could be realised in the to-be landscape
- Identifying with suppliers viable integration options using database extracts or use of service APIs for around 60 line of business applications.
- Integration with the content management system (Sitecore)
- Identifying which line of business applications replaced using the features of Dynamics CRM
- Strategy for consolidation of information from diverse systems to provide a single customer view
- Delivering transaction status updates to a customer portal (My Norfolk) to pre-empt calls to customer services
- Master Data Management strategy
- Project governance and delivery roadmap using Agile
- Rollout of Dynamics CRM based framework for Local Government services
- Roadmap tactical and strategic projects to deliver incremental value
- Algorithm for prioritisation of integrations and development
- Stakeholder briefings to determine how directorates participate
- Hardware and software architecture diagrams
- Strategy for driving the channel shift to realise savings
- Security and confidentiality considerations

The deliverable was a 100 page document signed off by the customer service board, ICT department and council chamber with an executive summary presentation.

Solution Architect Mastek/Majesco

March 2013-March 2015

Newcastle-upon-Tyne

This was an initial 3 month contract which renewed for almost two years until the project entered the final Acceptance Testing phase, which meant the design and architecture work was complete.

I was working with an onshore team of 4 and an offshore team of up to 70 to deliver a marine insurance application. Based on a web app using asp.net and c# that had been acquired by the customer as meeting 80% of the required functionality, Microsoft Dynamics CRM and bespoke components to interface with legacy applications, Sagex3 finance package and Windows (Azure) Message Bus. I introduced a DevOps

lifecycle and Agile delivery methodology for internal releases. The customer was uncomfortable with the concept of continuous integration and incremental releases so external releases were formal and scheduled.

The customer provided their own virtualised environments which we treated as IaaS/PaaS, working with them to optimise resource allocation from the pool of available infrastructure.

This was a challenging project with difficult timelines, technical challenges with the base code and extensive scope changes to manage. I reported to 3 project boards and the programme board on all technical matters, preparing option documents, impact analyses, and technical and non-technical presentations to influence both technical and business stakeholders.

I designed the new interfaces and new code where the functionality was not available or inadequate in the base code, was responsible for release and change management strategy and quality management of deliverables, deployment, liaison with third party suppliers, functional and technical documentation and strategy documentation.

Career Break

July 2012 – March 2013

My wife was diagnosed with breast cancer so I took a break to be at home

Solution/Application Architect Serco

March 2011-June 2012

Home/Hertford/London/Peterborough/Birmingham

Mainly working on Hertfordshire County Council's transformation project I was responsible for the overall application solution to deliver channel-shift from face to face to online. And the transition to shared service based delivery of council services. The first two Lines of Business to be addressed are Highways and Adult Social Care.

The platform included BizTalk, Sharepoint, Lagan CRM and Legacy applications already deployed in the council.

Freelance Balfour International

January 2011-February 2011

City of London/Home

A short engagement to write a display framework for wayfinding systems in shopping malls. The application is written in VB.Net and includes tools and techniques to roll out the system to new malls to short time-scales.

As well as delivering the code I was managing a graphics designer, managing the RAID log and reporting progress twice a week.

Farm worker and Outdoor instructor

March 2010-November 2010

Bout de Cote, France

I took an 8 month career break to recharge my batteries and work on my French and outdoor skills helping out on a friends farm in the Lot Department of France.

Senior Solution Architect Steria

June 2008 to March 2010

As a Senior Solution Architect I was responsible for producing and delivering innovative and cost effective solutions in response to customer requirements. This included working with international partner organisations.

I also produced production and proof of concept .Net projects especially in the document management space.

I designed and implemented the integration of the Operations and Quality systems of Steria and Xansa (acquired October 2007) using Windows Sharepoint Services 3.0. The project was delivered to the production environment and support team on time despite aggressive timescales and resource limitations.

Among my Projects at Steria were

- Solution design for Foreign and Commonwealth Office for emergency travel documents
- Solution design for NI Fire and Rescue for in-cab information systems
- Design and implementation of Operations and Quality System bringing together the disparate systems in use in Xansa and Steria. The system uses Sharepoint 2007 with a number of custom web parts for searching, organising and delivering project documentation
- Implementation of Sharepoint extensions to provide a project and programme management system for roll-out of financial products. A system had been implemented internally within the 'configuration' features of Sharepoint but some of the required features required custom web parts, for print stylesheets and client side Javascript.

- Design and prototype of system to proceduralise the progress from legislation to implementation by inspectors for the Rural Payments agency
- Design, team leading and implementation of Inspectors' reporting and diary system for the Rural Payments Agency using Microsoft code generation tools and Linq to SQL and Microsoft Dynamic Data code generation.
- Technical lead on the Back office functions for Tesco Compare website. Microsoft Dynamics CRM was is used for all back office interfaces including customer relationships, mail handling, comparison engine parameters. The comparison engine is a BizTalk application.

Principal Consultant

December 2000 to June 2008

Parity Solutions Ltd, Wimbledon

Principal Consultant

Parity provides consulting and implementation on a wide range of projects. I provided Technical Consultancy both client and supplier side in a number of high profile projects, leading clients from business case, procurement though both s-cat and OJEC procedures, requirements gathering, design and analysis, implementation, integration testing and delivery. On the Parity side of the fence I have assisted in writing bids and responses to Invitations to Tender and Prequalification Questionnaires. I have worked with the following Local authorities: Northampton County Council, Derbyshire County Council, Cheshire County Council and London Borough of Merton.

I have become equally comfortable talking to end-users, technical experts and presenting at executive level. When required I can also step in to aid development in VB.Net c# or ASP.NET.

At my time at Parity I developed my people and project management skills and am comfortable in projects using Prince, Agile, RAD and Scrum methodologies.

My role as Consultant was very varied. Among the projects I worked on are:

- Team leader for a local authority web project. I elicited requirements in a series of workshops and then lead a team of 6 to implement the web portal in MOSS 2007. I wrote a number of custom WebParts and workflows based on the Windows Workflow Foundation (WWF). This used both out of the box workflow steps and custom steps implemented in c#. I also designed the whole portal functionality and lead the team of 3 developers in the implementation.
- Consultant Team leader for a team based in Wimbledon and Antrim on a project to manage the award of Vocational Qualifications. As well as day-to-day design discussions with the teams I was the customer facing technical person. The requirements were maturing during the project and I was managed customer expectations and turned business requirements into something the

team could work with. I was involved in the development of the web front end in ASP.net with back end components written in c#.

- TDA and technical team leader on central government portal for bid, analysis and implementation, <http://www.fire.gov.uk>. The project uses Achieve Forms, Artemis Rapid, MS CMS, MS Sharepoint and Biztalk 2004. The portal is exposed as Sharepoint human interface and Web Service for machine/machine interface. I have been hands on with the Biztalk and SharePoint components and web services. The first iteration of the project has been delivered and it is now in change control for the final release.
- TDA and technical team leader on a data maintenance project for the Post Office. I had a team of up to 10 developers including some contractors. The system was implemented using a Web Service written in VB,Net with an Oracle back end In order to provide good user experience, the solution used a thick client that could be dynamically changed at the server to mitigate the problems of distributing client software across the enterprise.
- Specifying the interoperability for the UK tourist industry. The 6 month assignment involved working with providers, sales channels and international travel organisations on behalf an NGO. The schema requirements included compliance with current UK Government standards, interoperability with international standards and the EU funded Harmonize project. The deliverables were an XML schema, object model and interoperability guide. Several workshops with regional organisations were held to brief them on the move from a paper-based system to interfacing with Web Services.
- Technical architect and lead on a distributed application that employed 5 parity employees and external contractors. I led the work to produce a detailed design if the UID, middle tiers and database based on the client's conceptual design for the system. The proposed (and accepted) solution used leading edge Microsoft Technologies: ASP.Net Web Services, VB.Net Winforms client, n-tier architecture and Oracle 9i database. This project required considerable mentoring and skilling-up of programmers coming from a Visual Basic 6 background. The project was also an opportunity for me to code proofs of concept and prototypes to allow the programmers to take the project to completion.
- Technical Team Leader on a project producing a real-time online equities trading system. The project required the coordination of both internal parity resources and external service providers. The core technologies were Java, Visual Basic 5, ASP, DHTML and IE DOM programming.
- Technical architect and Technical design authority on a central government website development using Microsoft Commerce Server and Microsoft Content Management Server, <http://www.curriculumonline.gov.uk>.
- Technical authority on a project to write a business case for the redesign of a local government website. The project required me to run workshops and conduct 1-to-1 interviews with end users to establish the business process that could be best adapted to an Electronic Services Delivery framework. The final report made the case for moving to Content Management and described the new structures and processes that would be required to support the new infrastructure
- Consulting services to a local authority helping them achieve their Implementing Electronic Government targets. The aim of the scoping study

was to identify the best fit technologies to meet the IEG targets in 2005. The scoping study was presented to Council Members and helped the web team to justify the expenditure required to move their project forward. After a competitive tendering process Parity was awarded the contract to write a full functional specification for the Council's inter- and intra-net.

- Consolidation and re-branding of 5 transport sites into a single transport portal. The sites were on a number of platforms and lacked clear processes to maintain them. I led the team that migrated the content to a single platform (Apache on Solaris), created Dreamweaver templates for standard layouts and provided business processes and technical infrastructure recommendations to enable the publicity department to maintain control over the publishing process.
- A review of search engine products for a large service infrastructure organisation.
- Between projects I helped with:
- Bidding, estimating and pitching for a number of large projects
- Mentoring junior programmers
- Development problem solving and using ASP and .NET
- Pre sales, customer facing support
- Proof of concepts and demonstrations

As Microsoft Gold partners and one of the leading Training companies in the UK Parity are in a position to offer training and exposure to a number MS products. I have been on the following courses:

- Microsoft Content Management Server Implementation
- XML and .Net web services
- Application programming in C#
- Biztalk 2004
- Jupiter Airlift (Biztalk 2004 and the Microsoft Vision for servers)

December 1999 to December 2000

IFIS Infotec, Houndsditch, London EC3

Programmer Analyst

IFIS Infotec are a market information company providing news and market prices for a wide range of financial instruments. I was engaged to create a trading system bolt on for their distribution system. The system comprised:

- A COM object client that could be embedded in a web page, excel spreadsheet or a any other compliant application
- A message connector and rules based switch to handle both formatted trading messages and unformatted 'chat' messages
- An autoresponder to generate trades from formatted messages
- A trading desk application that allowed chat, market making and trading messages

Infotec also provided support to the largest bond trader in the city. I created a web based interface to their VAX trading system that emulated their 'green screen' terminals. The system comprised:

- A COM component that emulated the existing dumb terminals on the dealer desks.
- A C++ subscribe and publish system that collected the information from the VAX over sockets and published the information to the COM client

Earlier Employment

- (Details available on request)
- June 1996 to December 1999 QBS Ltd/ECTX Ltd, Basingstoke
Programmer/Analyst and Development Manager
- February 1996 to June 1996 Technical Writer (Contractor) Thomas Cook, Peterborough
- February 1994 to December 1995 Release Administrator (Contractor) Centrefile Limited, Black Lion House, 45 Whitechapel Road, London E1
- January 1991 to February 1994 Analyst Programmer (Permanent) Davis Langdon and Everest Princes House, 39 Kingsway, London WC2
- May 1990 to December 1990 Multimedia and Training Consultant Philips Interactive Media Systems, Dorking, Surrey
- June 1989 to May 1990 Computer Based Training Consultant/Designer/Programmer Philips Business Systems Hipperholme, West Yorkshire
- June 1987 to June 1989 Multimedia and Training Consultant Philips Elektronikindustrier A.B. Stockholm, Sweden
- February 1985 to June 1987 Technical Author/Programmer Philips Telecommunicatie en Data Systemen Apeldoorn, Holland.
- May 1982 to February 1985 Freelance Writer/Programmer
- July 1979 to May 1982 Ad Salesman/Writer/Production Assistant Modmags Limited 145 Charing Cross Road, London WC2
- April 1971 to July 1979 Clerical Officer Department of Health and Social Security Heathway, Dagenham and King's Lynn

Outside Interests

I am interested in archery and primitive skills and I used to run the Prehistoric Archery and Atlatl Society. I teach bow and arrow making and primitive skills. I also demonstrate the pole lathe and green woodworking at Amberley Working Museum.

