



**ICS DreamTeam Member No 2193 CV**

**Profile:**

11 years of high level Business Intelligence, Team Lead, Data Warehousing, Systems Analysis and Application Development experience across a wide variety of business sectors / technologies.

Sectors: Healthcare/NHS, Financial Services, Investment Banking, Media, Aviation

**Technical Skills Summary:**

Architectural / Planning	Database Tools	Business Intelligence Tools
<ul style="list-style-type: none"> <li>• Kimball Methodology</li> <li>• Data Architecture</li> <li>• Data Migration Planning</li> <li>• Business Intelligence Solutions Architecture</li> </ul>	<ul style="list-style-type: none"> <li>• SQL Server 2008</li> <li>• SQL Server 2005</li> <li>• SQL Server 2000</li> </ul>	<ul style="list-style-type: none"> <li>• SQL Server Analysis Services 2005/2008</li> <li>• SQL Server Integration Services 2005/2008</li> <li>• SQL Server Reporting Services 2005</li> <li>• Microsoft Performance Point Server 2007</li> <li>• Proclarity Analytics Server 6.3</li> <li>• MOSS 2007</li> <li>• Microsoft Virtual Earth / Cloud technology</li> </ul>
Operating Systems	System Development / Analysis Methodologies	Modelling Techniques / Tools
<ul style="list-style-type: none"> <li>• Microsoft Windows 2008 / Hyper V (x64)</li> <li>• Microsoft Virtual Server 2005</li> <li>• Microsoft Windows 2003 Server (x64 &amp; x86)</li> <li>• Windows 2000 Server</li> <li>• Windows XP (x64 &amp; x86)</li> <li>• Windows NT</li> <li>• iSeries / as400</li> </ul>	<ul style="list-style-type: none"> <li>• Kimball Method / OLAP</li> <li>• Multi Site Data Migration</li> <li>• SSADM</li> <li>• RAD</li> <li>• OLTP</li> <li>• Waterfall Methodology</li> <li>• Spiral Methodology</li> <li>• UML</li> </ul>	<ul style="list-style-type: none"> <li>• Dimensional Modelling(OLAP)</li> <li>• ER Modelling (OLTP)</li> <li>• Visio Professional 2003</li> </ul>

**Work Experience:**

From – To: November 2008 – Present

Role Title: BI Solutions Architect



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**Description:** Stoke on Trent PCT is an NHS commissioning organisation and in November 2008 he joined the Health Intelligence Project as Solutions Architect, with the following responsibilities –

- BI Project Framework Design (Kimball)
- Business Requirements framework design
- Server Architecture (Logical and Physical)
- Dimensional Modelling (Logical and Physical)
- 3rd Party Management (MOSS Intranet Implementation)
- BI software selection (Microsoft BI Stack – SSAS, SSIS, SSRS, MOSS 2007, Performance Point Server 2007, ProClarity Analytics Server 6.3)
- Team Leader - development team of 4
- Recruitment of project staff (BI Developers and Business Analyst)
- Evaluation/Investigation of potential future project technologies (Hyper-V, Microsoft Virtual Earth, SQL Server 2008, Microsoft Surface, Microstrategy)
- Leadership around all technical/data issues surrounding Business Intelligence system and beyond.

**Customer:** Stoke on Trent Primary Care Trust

**From – To:** November 2007 – October 2008

**Role Title:** Business Intelligence Architect/Developer

**Description:** CSS is a service providing commissioning BI expertise to a pan-London organisation of 30 NHS Primary Care Trusts. He was required to provide architecture, data capture, validation, data design, ETL and data warehousing expertise as a key member of the Business Intelligence team.

He was involved / responsible for the following activities:

- Data staging layer design / ETL Design
- Dimensional modelling
- Physical DW design and build
- In-process data validation component - system design
- Co-architect of server solution for BI system
- Design/development lead - CSS data validation engine, combining several high profile NHS local / national validation engines
- Creation of meta data dictionaries for both data capture and BI metric calculation
- Production of financial dashboards (Performance Point 2007 Monitoring Server)
- In addition to the above, he was recognised as the lead technical authority in the issues surrounding NHS data pseudonymisation.

**Customer:** Commissioning Support Service (CSS)

**From – To:** August 2007 – October 2007

**Role Title:** BI Developer

**Description:** Citigroup is the world's largest financial institution, and working out of Canary Wharf, London, at Citi's Emerging Markets Europe Asia (EMEA) headquarters, he provided ETL expertise for the Citigroup MIDAS project – a large scale, credit derivatives data warehouse implementation dealing with 60 million + new risk facts per day.

Duties included:

- Dimensional data dictionary creation
- Supporting SSIS dimensional infrastructure
- Modifications to existing SSIS packages
- Design and development of high data volume SSIS packages to facilitate external data delivery
- Managing release process of SSIS packages to UAT environment

**Customer:** Citigroup PLC

**From – To:** January 2007 – August 2007  
**Role Title:** Data Migration Analyst Programmer  
**Description:** In January 2007, he became part of a data migration team, responsible for migrating financial data from 5 business entities into a unified SAP FI/CO financial system.

**Responsibilities:**

- Creation of source to target data dictionary
- Validation of data from various source systems (Oracle 9i).
- Consolidation of data prior to actual load.
- Creation of live data load files for insertion into production SAP environment.
- Technical assistance for various off site data extraction teams.
- Production of technical specifications for various objects in the FI/CO model.
- Upscaling of migration software from Access VBA to SQL Server 2005 environment (i.e. Redevelopment of bespoke migration software). SSIS development, T-SQL development (SQL Server 2005 Stored Procedures)

**Customer:** GE Aviation

**From – To:** September 2006 – December 2006  
**Role Title:** Applications/Data Warehouse Developer  
**Description:** In September 2006, he was contracted to provide applications engineering and development expertise for easyJet – one of Europe’s foremost budget airlines.

**Duties included:**

- Analysis of requirements.
- RAD Development using advanced VBA integrating Access 2003, Excel 2003 and SQL Server 2005 to produce an invoice reconciliation system.
- Integration into Production Data Warehouse (terabyte scale)
- The application was successfully deployed, and incorporated into the DW architecture.

**Customer:** easyJet

**From – To:** February 2006 – August 2006  
**Role Title:** Data Warehouse Designer/Developer  
**Description:** In February 2006, he was contracted to Carillion PLC to produce a replacement data warehouse/mart to support the entire facilities management information structure (i.e. Carillion resources and allocation of resources to Carillion clients) his remit was as follows:

- Requirements capture.
- Meta data dictionary design
- Logical design – production of UML output specifications (inc. use cases), production of data dictionary, and production of logical data model.
- Physical design – production of functional specification for initial reporting suite, physical database design.
- Build – implementation of physical design specification to create live data warehouse.
- Build - ETL feeds (T-SQL/DTS).

**Customer:** Carillion PLC

**From – To:** June 2005 – January 2006  
**Role Title:** Data Warehouse Release Manager  
**Description:** In June 2005 he commenced his second project for the London based data warehousing consultancy, Phusis. His role was to manage the rollout of a

medium sized warehouse for a city of London based international insurance client. Duties included:

- Responsibility for monthly territorial data loads (warehouse spans 4 territories in Europe). Included conforming data supply mechanism across these countries.
- Development of executive reporting dashboards.
- Consultancy to help end client select a suitable reporting tool/strategy.
- Creation of business request structure to enable efficient management of reporting requests.
- Design and delivery of 'super user' training courses to European and Japanese data consumers.
- Data reconciliation and analysis.
- Specification writing: program specifications, technical specifications, report specifications, view specifications, role specification for super user.
- Configuration of delivery mechanism for European and Japanese data consumption.
- Report development using Crystal Reports 9.

Customer: Aioi Europe (motor insurance provider to Toyota PLC)

From – To: May 2005 – June 2005  
 Role Title: Development DBA / ETL analyst  
 Customer: DHL

From – To: June 2004 – April 2005  
 Role Title: Software Developer  
 Customer: British Heart Foundation

From – To: February – May 2004  
 Role Title: ETL/DW developer  
 Customer: Apex Care & Nursing Services

From – To: January - February 2004  
 Role Title: VB/VBA Analyst Programmer  
 Customer: WPP Group PLC

From – To: September 2002 – December 2003  
 Role Title: Senior VBA Developer  
 Customer: Ethel Austin Ltd

From – To: March 2002 - July 2002  
 Role Title: VBA Analyst/Programmer  
 Customer: Universal Pictures International

From – To: October 2000 - March 2001  
 Role Title: Visual Basic 6 Applications Developer  
 Customer: QBE

From – To: October 2000  
 Role Title: VBA Consultant  
 Customer: Accenture

From – To: March 1999 - March 2002  
 Role Title: Development Consultant  
 Customer: WPP Group Plc



**Education:**

BA Honours degree (2:1) Information Technology/American Studies



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