

Personal Details

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Date of Birth	18 th November 1960
Marital status	Married




Education

1972 - 1975	Box Hill School	
1975 - 1979	Reading Blue Coat School	10 'O' Levels 1 'AO' Level 4 'A' Levels 1 'S' Level
1979 – 1982	University of York	BA (Hons) 2.2

Skills Summary

Databases	DB2 V7 & all previous versions	IMS DB
	DB2 UDB V8.2 & all previous versions	Information Integrator
	Data Propagator (DPROPR)	ETL
	SQLServer 2000	MySQL
Languages	PL1	Cobol
	DLI	SQL
	OO Rexx	TSO/ ISPF
TP Software	IMS DC	UTM
Utilities & Packages	Easytrieve	BMC catalog & change manager
	Strobe	Omegamon
	QMF	Platinum
Operating systems	MVS, OS/390, Z/OS, BS2000	Windows 2000, NT, XP, 2003
Other	MQSeries V5.1	JCL

Formal Qualifications

		DB2 UDB V8.1 Database Administration for Unix, Windows and OS/2		MQSeries Administrator
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Roles

Company Legal & General				
Position	DBA			
Dates	21 st November 2005 to date			
Role	I was hired by L&G to fill in on their Mainframe / Mid Tier DBA team during the busy period surrounding the Pensions industry "A-Day". Most of my work is manning the helpdesk and this includes managing the clustering environments for UDB LUW, performance tuning on SQLServer 2000, SQL syntax errors with M/F Stored Procedures. I am also involved in the UDB V8.2 migration (and updating the existing architecture to use HADR, Autonomic tuning etc) and the Beta test of UDB V9 ("Viper"), design work and some business process analysis.			
Software	DB2 UDB V8.2	DB2 z/OS V7	SQLServer 2000	Information Integrator
	Quest Foglight	Tivoli	OO Rexx	WebSphere Application Server
	XML			
Company Siemens Business Services Ltd				
Position	DBA			
Dates	4 th July 2005 to 28 th October 2005			
Role	I was hired by Siemens Business Services Ltd to work on the VOSA – MOT computerization project. This is a very large development using in house Siemens hardware and software. I was initially working in the Performance Tuning team, addressing issues raised by development teams and providing advice and solutions on how to improve performance and eliminate bottlenecks. I then worked in Release Management; configuring and rolling out schema and data changes to all environments from Development to Production. The role has involved becoming familiar with the Siemens product set as well as Perl and MySQL.			
Software	SESAM/SQL	BS2000	Cobol	JCL
	DB2 UDB V8.2	MySQL 5.0	Perl	
Company HelpHire Ltd				
Position	DBA			
Dates	15 th November 2004 to 30 th June 2005			
Role	I was engaged by HelpHire Ltd to operate, support and develop a DB2 UDB V8 / OO Rexx system based on Windows servers. The job involved all conventional DBA activities as well as supporting the current system and its users. Part way through the contract, it was decided to port the DB2 data to an SQLServer database and rewrite the Rexx application using SQLServer stored procedures. This involved redesigning some parts of the DB2 database, providing both technical and business documentation and constructing scripts for all data transformation. It also involved ETL (Extract, Transform and Load) work to provide warehouse data supporting Business Intelligence reporting. I redesigned the databases to use SQLServer 2000, built the development and production SQLServer databases, ported the data using DB2 Export and DTS, and set up all maintenance, reporting, backup and security on the new databases			
Software	DB2 UDB V8.1	SQLServer 2000	OO Rexx	DTS
	Windows NT			
Company Cambridge Information Technology Ltd (CITL) / CommerceQuest UK Ltd				
Position	Consultant			
Dates	2 nd May 2000 to 12 th November 2004			
Role	I was recruited by CITL in April 2000 to become one of their Database Consultants. Shortly after that, the company was acquired by the US based consultancy, CommerceQuest. My earliest placements required my gaining some experience of MQSeries, XML and other technologies that interface with, and complement DB2. This included providing technical guidance on the proposed use of DB2 V6 to System Architects and Batch Developers working on one of our client sites. I then worked on site as a DB2 DBA for a UDB V7.2 deployment, based on NT platforms for a number of years, performing all conventional DBA tasks; data management, security, database creation and backup, technical support, performance tuning etc, as well as deploying structures and data from the NT (system test) environment to the mainframe (production) environment. I provided support and technical input to the Java and CoolGen development teams and liaised with the DB2 DBAs on other platforms (OS/390, AIX) to provide data feeds, gateway access and support, particularly for the Data Warehouse operation. I was also instrumental in producing a DB2 workbench, written using Object Orientated Rexx and XML, to provide a front end for the day to day tasks of DB2 support in the client			

Curriculum Vitae : **Mark Gillis**

environment; the intention being to allow non Database specialists on our support team a means of executing complex DB2 support tasks.

My final placement was on the mainframe z/OS performance testing team, examining performance issues in a full scale testing environment and providing advice on tuning the system. I devised methods to capture statistics and access paths and provide the client with presentation material showing current run details, extrapolated predicted production impact and tuning advice to avoid bottlenecks and problems with the development application before it is applied to the production environment.

I was also tasked with some Proof of Concept studies, largely concerned with the newer features of UDB V8. These included Multi Dimension Clustering, Range Clustering, Cube Views, DPROPR, Federated Data source communication, MQSeries interfacing, Triggers, UDFs and Stored Procedures.

Software	DB2 OS/390 V6 DB2 UDB V7.2 V8.1 SPUFI	JCL OO Rexx QMF	TSO/ISPF Windows NT	MQSeries XML
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Company IBM / AT & T

Position DB2 DBA / Team Leader

Dates 27th April 1998 to 28th April 2000

Role Redesigning an existing DB2 SQL/DS QMF system and providing a plan to migrate to an OS/390 platform using DB2 V5.1, but retaining the QMF reporting functions and views with which the users were familiar. I designed a front end for the system to be resident on the OS/390, using Rexx, RXSQL and ISPF, confining the physical redesign to changes to improve performance. A full set of DB2 Utility jobs were written to automatically backup, reorganise and acquire statistics.

After the acquisition of IBM Global Network Services by AT & T, I became involved in the project to migrate the data from this system to a chosen International AT & T solution. This involved ETL design and a degree of Business Process analysis.

I was responsible for all Business, System and Data Analysis; Project Management of the system, Database Design, Implementation and Performance tuning and conducted all face to face customer liaison, including representing the UK project at the European steering and management committees for the migration project. I was responsible for hiring other DB2 resources and managing a small team of users and technical staff.

Software	DB2 5.1 MVS JCL	DB2 Connect PE TSO/ISPF	QMF 3.2 Rexx	DRDA RXSQL
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Company London Electricity Board

Position DB2 DBA/ Performance Tuning / Technical Support

Dates 19th June 1996 to 24th April 1998

Role Originally one of a team of seven specialists running the LEB Customer Information/ Billing/ Metering system through it's projected life cycle and producing reports, figures and performance tuning advice to ensure the installation of the project to cost and schedule and physically capable of running on the specified hardware. Subsequently transferred to the Archiving Team to conduct a similar exercise on their software with a view to having it in place and running without impacting existing systems, and before data accumulation began to affect performance.

Then transferred to the DBA group full-time, where I was involved in providing estimates for growth rates of indexes, comparison of the application access paths and catalog statistics to identify potential problems and testing of new functions and utilities under DB2. I was also engaged in writing tools and utilities for the DBA group, mainly using Rexx, ISPF and Rexxtools / DB2.

Software	DB2 V3.1, V4.1 TSO/ISPF	QMF MVS JCL 5.0	Omegamon Cobol	BMC Catalog & Change Manager Rexx Rexxtools / RXDB2
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Company Rank Xerox (EDS)

Position DB2 Technical Support; Business Analyst/ Designer; Senior Analyst Programmer / Team Leader

Dates September 1994 to April 1996

Role Large-scale data extraction from DB2 and IMS 'legacy' systems, to provide data to be loaded onto an International marketing system. Initially team lead/ DBA for 3 programmers, doing the analysis from High-level design onwards. Latterly involved with DB2 performance tuning, design and support.

Software	Cobol VS II Rexx	DB2 Dfsort	IMS DB SPUFI	MVS JCL QMF
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Company SITA (British Airways)

Position Applications Analyst, Programmer & Technical Support
 Dates June 1993 to September 1994
 Role Maintenance of large suite of Telon PL/1 DB2 programs, DB2 technical support, designed and implemented a Rexx/ISPF compile/link-edit/bind JCL generator.

Software	PL1	Telon	DB2	IMS DB/DC
	Rexx/ ISPF	MVS JCL	Maestro	

Company ASDA

Position Senior Programmer
 Dates February - April 1993
 Role Producing Cobol IMS/DB2 programs to detailed customer spec, and delivering to a strict schedule

Software	Cobol II	Telon	DB2	IMS DB/DC
	MVS JCL	FileAid		

Company IBM UK

Position DBA Technical Support
 Dates July 1992 - January 1993
 Role Support of large IMS DB2 PL1 system and production of Rexx and QMF tools and utilities for the developers, installing existing tools from the IBM shared tools environment

Software	PL/1	DB2 2.3	Rexx/ISPF	MVS JCL
	QMF 3.1	IMS DB/DC		

Company IBM Australia

Position DBA Technical Support
 Dates June 1990 - March 1992
 Role DBA for large IMS DB2 PL1 systems and production of Rexx and QMF tools and utilities.

Software	PL/1	DB2 2.3	Rexx/ISPF	MVS JCL
	QMF 3.1	IMS DB/DC		

Company HFC Bank

Position Analyst Programmer
 Dates November 1989 - April 1990
 Role Application development support and maintenance for on-line and batch financial systems.

Software	IMS DB	Cobol	MVS JCL TSO/SPF	CICS
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Company The Computing Group (Sun Alliance)

Position Consultant
 Dates August 1989 - October 1989
 Role Adapting on on-line CICS post-coding system and installing it at a client site

Software	IMS DC DL/1	Cobol	CICS	MVS JCL TSO/SPF
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Company Esso Petroleum

Position Analyst Programmer
 Dates June 1988 - July 1989
 Role Initially support and later writing new ADF systems as part of Esso's Marketing and Retail applications.

Software	IMS DC DL/1	PL1 Cobol	ADF	MVS JCL TSO/SPF
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Company Shell UK

Position Analyst Programmer
 Dates August 1987 - June 1988
 Role ADF specialist with as large Budget System team with additional responsibility for user helpdesk.

Software	IMS DC DL/1	ADF	Cobol	MVS JCL TSO/SPF
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Company Sainsburys Plc

Position Analyst Programmer
 Dates June 1987 - August 1987
 Role Analyse, write and test part of a large HDAM product database reporting system.

Software	IMS DC DL/1	Cobol	VSAM	MVS JCL TSO/SPF
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Company Marks & Spencer Plc

Position Programmer
 Dates March 1987 - June 1987
 Role Writing and testing part of a POS Interface control system.

Software	VSAM	IDCAMS	TSO/SPF	VS Cobol II
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Company British Gas

Position Analyst Programmer
 Dates September 1986 - March 1987
 Role Writing and testing a large Industrial Accounting system designed to operate on either ICL or IBM boxes

Software	ICL SCL	JSP Cobol	DOS	PDF ITS
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Company Hitachi Electronics (UK) Ltd

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Position Analyst Programmer
Dates January 1986 - August 1986
Role Modifying and installing an on-line Accounts Payable system, written in-house in America.
Software MVS JCL Cobol IMS DB/DC DL/1 TSO/SPF

Company Bank of America

Position Analyst Programmer - Systems Analyst
Dates October 1984 - December 1985
Role Application development support for real-time Electronic Funds Transmission systems.
Software IMS DC Cobol MVS JCL TSO/SPF

Company Cadburys-Schweppes

Position Graduate trainee - Analyst Programmer
Dates October 1982 - October 1984
Role Application development and maintenance programming on a variety of applications.
Software IMS DB DL/1 Cobol Filetab TSO/SPF MVS JCL