

Gareth Bowen

MBCS CITP, MCSD .NET, MCAD, MCSE, MCSA, MCDBA, IT Project+

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Summary

- **BCS Chartered Information Technology Practitioner**
- Over 9 years of commercial experience in **designing** and **implementing** large custom bespoke I.T systems.
- **5 years specialising in writing .NET C# applications as Technical Lead.**
- **System Architect** - Design Patterns, OOD, UML, Agile UP, RAD, Waterfall
- 12 years of - **Sql Server** - database design and performance tuning.
- Testing and Release deployment to live multi-site environments.
- Experience covering numerous business sectors including: Space, Government, Investment Banking, Finance, Retail, Manufacturing and e-commerce.
- BSA - Requirements gathering, user case development, stakeholder requests
- Client facing and project management experience.
- Project Costing/Estimation
- Contributed and supervised production of companies best practices
- Technical mentor to junior developers
- Committed to finding strategic and workable solutions for the business.

Professional Qualifications

Aug 2003	COMPTIA IT Project+ (Project Management Qualification)
June 2003	MCSD .NET (C#, Early Achiever)
May 2003	MCAD (Chartered Member - awarded to 1 st 5000 passes)
Mar 2003	MCSE (Windows 2000)
Feb 2003	MCSA (Windows 2000)
Jan 2003	MCDBA (Sql Server 2000)
Nov 2002	MCSD (Visual Basic 6)
Apr 2001	MCP

Academic Qualifications

1998 **Bsc (Hons) class 2i in Computer Science from University of Durham**
1995 A Levels - History (A), Maths (B), English (B), General Studies (B)

Professional Membership

- Chartered Member of British Computer Society.

Employment History for Gareth Bowen

Dates	Job title	Company
June 2005 – Mar 2007	Contractor (5 extensions)	CitiGroup Future Mortgages
XML upload project - I was the main architect and lead developer <ul style="list-style-type: none"> • Web service gateway processing FMA,DIP,KFI from third parties as xml • Auto decision, product search, document generation • Credit scoring, generic rule based decision processing • Development estimates/planning. 		
Pablo Project (product and broker manger) - I was the main architect and lead <ul style="list-style-type: none"> • Set up/maintenance of OTC products - mortgages, insurance, fees, commission • Broker Hierarchies, relationship, exclusive product • Business rule Generation • Multiple rate tracking LIBOR, revert rate, rate differentials. 		

Dates	Job title	Company
June 2005 – Mar 2007	Senior Consultant	Waterstons
Centex Project (costing and planning system for a major house builder) <ul style="list-style-type: none"> • Was the main architect and technical lead. • winform system for costing and tracking build stage progress • Invoicing and tracking of contractor details, including remittance 		
Whiterose Environmental(waste company) – <ul style="list-style-type: none"> • the main architect and technical lead • Large winform system covering contracts, route planning, capacity planning, invoicing, stock control (ran across multiple sites) • Integration with sun accounts system for accruals, reconciliation, invoices 		

Dates	Job title	Company
July 2001 – July 2002	Developer	Ioko365
B2b and e-commerce integration for http://www.barbox.com		
Must Sell Must Buy for Bass Brewers (FBI trading/invoicing between brewers)		

Dates	Job title	Company
March 2000 - July 2001	Senior Systems Architect	Dido Communications
<ul style="list-style-type: none"> • Ran Department in charge of designing and writing all internal systems • DRM management, Digitisation,id3v2, normalisation, mp3 encoding, wav editor • Secure download via online purchase , barcoding 		

Dates	Job title	Company
Sept 1998 – March 2000	IT Consultant (Space)	Logica PLC
Intranet Site for Scottish Children’s Reporter Agency (Government project)		
Windows Flight Operation Planning System for European Space Agency		
DADF project for metorsat (c++ for ground station for satellite telemetry)		

Dates	Job title	Company
June 1997 – August	STEP Placement)	Response Ltd
Business analysis then design and development of stock control system		

Experience Breakdown for Gareth Bowen

Programming skills

- Experience of Multiple methodologies Waterfall, RAD, Agile UP, XP
- Designed and written two major win form system in c#
- Design and written many asp.net c# systems making use of web services
- 2002 – Current Specialised in c# and .Net including .net 2 framework.
- 1998 – 2002 Visual basic 6, Asp, COM,DCOM Specialist
- 1995 – 1998 C++ and module2 (University and first 6months at Logica)
- Real time systems, 24-7 systems, Multithreaded Systems
- Enterprise systems, Client server systems, multiple site systems.
- Source control – tools such as SourceSafe
- B2B systems using xml upload, BizTalk, MSMQ
- Sharepoint, Commerce server (used years ago, don't ask me about it it's evil!)
- **Xml**, xlst ,html, dhtml,soap, **ajax**, client side scripting – java script, vb script
- reporting - asp, xlst, crystal reports (yuck), sql, excel
- Worked in Team sizes of 1 to 50 (split between two countries)
- Lead development teams of 6 people.

Database skills

- Designing RDBMS database schemas for the last 12 years
- **Expert in sql server** versions used include 7,2000,2005
- Sql Guru mainly t-sql but have used pl-sql and ANSI sql
- Consultant work on tuning sql server databases.
- 1998 – Current Sql server
- 2000- 2001 **Oracle8i**, 1995 – 2002 MS Access
- Data warehouse experience
- Database migration experience, DTS

Design Skills

- Experienced object orientated designer. 9 years commercial experience
- Multiple architectures web, intranet, windows desktop, client/server
- **Design patterns**, GRASP, Gof4, Booch/Jackson **UML** modelling
- Reusable extensible business objects
- Designed Capacity Planning systems, invoice systems
- Design systems for maintaining mortgage and insurance products as well as broker hierarchies.
- Integration with third party systems
- Systems catering for extensive user input in business rule generation.
- Requirements gathering and stakeholder interviews
- User case creation and review

Experience Breakdown Continued For Gareth Bowen

Management skills

- Project managing development projects
- Costing development projects for bids, CoCOMO models
- User Acceptance testing, unit testing with **nunit**, writing test scripts
- Contributing to company best practices
- Deployment, dry runs and go live
- Contribution to strategy of development roadmap
- Contribution and development of best standards, codes of practice

Business Knowledge

- Business Intelligence
- Finance experience – accounting systems, invoicing, accruals accounts
- Full mortgage application, decision in principles, key fact illustrations
- Credit control and risk scoring.
- Equity and derivative Trading Knowledge of stocks and shares, bonds, options
- Mortgage Backed Securities, Securitisation
- Statistical analysis, Monte Carlo Simulations, Interpolation
- E-commerce systems, Digital Rights Management, Secure download
- Subscription, members only web sites
- Real estate management, stock control systems, invoicing, accounting
- Project planning, Capacity planning, route planning, workflow
- Alas I've forgotten my space knowledge.
- Good Job I'm excellent at research, getting up to speed quickly on anything.
- Outside work have experience in the buy to let market as a landlord.

Interpersonal Skills

- Requirement gathering, Stakeholder requests
- Team mentoring of junior developers
- Negotiation skills especially with deliverables.
- Hand holding during stressful go lives
- Empathy and intuitive to the needs of business users.

You can find more information at <http://www.garethbowen.com>