

## Johnny M. Brown – Résumé

### RANGE OF EXPERIENCE

Dr. Brown has over 20 years of software management, development and design experience, including more than 12 years as a project or program manager. He has been involved in various engineering and IT projects in the role of manager, architect, analyst and developer within several industries, including oil & gas, telecommunications and data protection/recovery. Dr. Brown has held various leadership positions, from managing small agile development teams up through directing a software development department of over 70 people.

### OBJECTIVE

His objective is to manage the development of architected solutions to Information and Communication Technologies (ICT) problems encountered by an organization. Through the controlled deployment of these solutions the organization will improve its ROIC. In addition, the organization will increase both interoperability and integration within its internal ICT environment while enhancing the business value of its ICT products and services.

### PROFESSIONAL PROFILE SUMMARY

#### His strengths include

- Continual updates to and the application of best practices for program or project management, communications, and team building
- Effective collaboration with project stakeholders when mapping product development plans to customer requirements
- A proven track record of working directly with customers to identify a wide range of their requirements, then using the appropriate project and project management life cycles to successfully transform these requirements into IT products and services
- Experience in making effective cost and resource estimates for the development of IT products and services within globally distributed organizations, whether these developments involved outsourced or internal projects
- Extensive experience with the design, development and deployment of IT products and services that are fully compliant with industry standards for use across diverse technical disciplines
- A results orientation, with a history of delivering quality IT products and services world-wide that were on time and within budget
- Excellent performance in high pressure environments, including companies involved in reorganizations or M&As

#### His areas of expertise include

- ICT program and project management, using the frameworks and methodologies best suited to the contexts of the endeavors
- Design and development of secure, extensible ICT architectures that maximize information sharing among technical applications
- Workflow optimization using ICT products and services combined from multiple vendors within heterogeneous environments
- Quality management – training, auditing procedures, adherence to standards, defect identification and removal processes
- Identification of strategic directions for ICT products and services within an organization that are consistent with evolving marketing and business objectives
- Use of proactive communications channels appropriate to each stakeholder
- Recruiting, mentoring and developing personnel
- Continual monitoring and control of budgets, costs and schedules
- Extraction of optimal ROIs from the available combination of personnel, hardware, software, and facilities

**PROFESSIONAL EXPERIENCE****Owner of ITGS – IT and Geosciences (6/2003 - present)**

His activities at his consulting company located near Seattle, Washington have included

- Project manager at [Volantis Systems](#) for an integrated mobile content delivery platform supporting AT&T's 3G customer base, an Akamai-enabled content delivery system for WWE, initial infrastructure upgrade planning within T-Mobile, etc. (3/2007-12/2007 )
- Project manager at [Iron Mountain](#) for the phased development and support of in-house business intelligence systems (5/2005-2/2006)
- Various short-term IT projects in North America, the European Union and Africa
- Acting as an expert witness in international IP civil actions involving IT and geosciences expertise.
- Developing proposals and promoting IT business recruiting and partnering projects for a collaboration of international consulting companies.
- Providing volunteer assistance to [Geekcorps](#) program coordinators for IT infrastructure projects.

**Key Technologies:**

- PMLC, SDLC and ALM tools  
IDEs (HTML, Java, UML, XML), Microsoft Office with Visio, MS Project, Scrumworks, Mercury Test Director, Subversion, Emacs...
- Knowledge management concepts and architectures  
Web portal design, TCO impact analysis, deployment of KM facilities and communities, SOA, SaaS, security issues...
- Hardware platforms (virtual and physical)  
Intel - notebooks, desktops and servers; Unix/Linux - workstations and servers; SMP/MPP/clusters, mobile devices, data centers...
- Network infrastructures  
802.11 and 802.16 wireless hardware and protocols, 10/100/1000 Ethernet, backbones, SAN/NAS...

**Independent Consultant (11/2001-04/2003)**

His activities in Haut de Gan, France as an independent consultant included

- Providing project management, deliverables and expertise to IT focused companies ([Be Group](#), [Eikonex](#), [Petris...](#)), to the *Chambre de Commerce et d'Industrie Pau Béarn (CCI)* and to the *Communate d'Agglomération Pau Pyrénées (CdA)*
- Developing and making presentations for various ICT-related classes at the *Université de Pau et des Pays de l'Adour (UPPA)* in areas such as wireless technology, data mining and knowledge management.

**Special Projects Manager for GeoNet SAS (12/2000-10/2001)**

He was recruited by GeoNet Services (Houston, Texas) to be seconded to GeoNet SAS as their Special Projects Manager for Europe. His responsibilities included

- Developing project proposals in collaboration with clients (BP, Shell, Agip, Total...) for Extended Service Provider (xSP) services available or under development within GeoNet
- Reviewing and evaluating the latest IT infrastructure components (e.g., producing comparative reports on European broadband suppliers)
- Demonstrating to clients the geological and geophysical (G&G) applications that were available through the GeoNet portal
- Representing GeoNet at European conferences and negotiating with Geonet's vendors (hardware, bandwidth...)

**Expert Strategist for Elf (now Total) International Services (11/1998-11/2000)**

He was assigned under a two-year consulting contract to the Information Systems Division of Elf Exploration Production located in Pau, France. His responsibilities included

- Developing enterprise wide IT architecture strategies which were consistent with business objectives
- Supporting the development of internal technical software environments (OpenSpirit

infrastructures, Linux integration, adaptive IT and application architectures...)

- Reviewing and recommending vendor products within the IT and geosciences domains
- Coordinating with and contributing to SSOs (Standards Specifications Organizations), such as EIRMA ([European Industrial Research Management Association](#)) and [Energistics](#)

**Schlumberger Austin Product Center (10/1986-10/1998)**

He joined the Austin Product Center as a Senior Software Development Engineer. In 1992 he was assigned as the technical manager of an object oriented, distributed architecture project incorporating industry standards. During this project, he was promoted to Engineering Specialist. His responsibilities included

- Managing a team that developed a software framework and a supporting tool kit to enable interoperability between client systems and selected Schlumberger Oilfield Services product lines
- Representing Schlumberger at the Energistics and the OMG ([Object Management Group](#)) SSOs on such issues as application interoperability, software security, and data access standards. He contributed to the publication of several specifications documents and their sample implementations through his involvement in various work groups within these SSOs.

**Key Technologies:**

- Data mining, data warehousing and databases  
MySQL, SQL Server, Access, Postgresql, Oracle...
- Software languages  
C++, C, FORTRAN, Java, Unix and DOS scripts, Lisp, Pascal, Perl, ...
- Operating systems  
Microsoft (Windows XP/2000/NT/98, DOS), Linux (RedHat, Mandriva, SuSE, Debian), Sun Solaris, IBM AIX...

**PROFESSIONAL HISTORY**

ITGS Contracts (listing only long term engagements)	2003 - 2007
• Volantis Systems	2007
• Iron Mountain	2005-2006
• Geekcorps	2004
Independent Consultant – France	2001 - 2003
GeoNet SAS	2000 - 2001
Elf (now Total)	1998 - 2000
Schlumberger Austin Product Center	1986 - 1998

**EDUCATION**

MBA			
<i>Houston Baptist University: Houston, TX</i>			
PhD	–	Nuclear	Theory
<i>Rice University: Houston, TX</i>			
MA	–	Nuclear	Physics
<i>Rice University: Houston, TX</i>			
BA		-	Physics
<i>University of California: Berkeley, CA</i>			

Professional Certificates

- PMP – Project Management Professional
- CSM – Certified ScrumMaster
- BCC Project Management
- Philip Crosby QES (Quality Education System) Instructor

Native English speaker

Read and speak French moderately well

**PREFERRED JOB TITLES**

Project Manager  
 Program Manager  
 Portfolio Manager  
 Business Analyst

**PROFESSIONAL AFFILIATIONS**

Project Management Institute  
 The Scrum Alliance  
 Association for Information and Image Management  
 American Physical Society  
 Society of Petroleum Engineers

He is a director, webmaster and founding member of the [Pacific Northwest Section](#) of the SPE

**OTHER PROFESSIONAL EXPERIENCE (acquired in parallel to his career experience described above)**

***Director (8 years) - Schlumberger Employees Credit Union; Houston, Texas***

His duties included

- selecting investment portfolios for the organization
- reviewing management and staff performances
- identifying new services (credit and debit cards, lifetime membership, on-line banking...) offered to the membership
- proposing new markets
- selecting new IT infrastructures
- auditing balance sheets on a monthly basis and attending training seminars and conferences

As a member of the board, he oversaw a doubling in assets and a 50% increase in membership for the credit union. This was during a period that the parent organization was reducing headcount significantly.

***Business/Technology Consultant (2 years) - Telemedical Interactive Consultative Services; Austin, Texas***

This startup company produced remote sensing audio/video products and services. The A/V information collected from remote PCs was managed through a central PC database, where it was accessed by medical practitioners in real-time to diagnose patients located hundreds of miles away. His activities included

- developing the initial data model, entry forms and data management procedures to collect patient data in AMA-compliant formats. The data were stored locally during patient interviews, then immediately transmitted to the central database for later reference by the medical practitioners.
- assisting the president in developing the company business plan and with selecting the remote sensing components used in company products and services.

***Treasurer/Secretary (2 years) - Applied Physics and Mathematics Incorporated; Houston, Texas***

This startup company was involved in developing automated equipment to precisely identify the quantity of rare minerals (gold, platinum...) in rock cores samples using a non-invasive, rapid process developed by combining inexpensive PCs with linear accelerator technologies. Besides his duties as treasurer/secretary, he implemented a large part of the Monte Carlo simulation software used to model the beam interactions with rock cores, ran the simulations and produced reports of the results.

***Treasurer/Secretary (2 years) - Medical Physics Applications Incorporated; Houston, Texas***

This startup company developed, in collaboration with the University of Michigan Medical Center, low-cost, automated testing equipment to identify the efficacy of different drug protocols for the control of diabetic neuropathy. The company identified \$20 million of venture capital to move its working prototypes, for which Dr. Brown had developed part of the statistical analysis packages, into commercial development.

**CONTACT INFORMATION**

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PDA	1-425-241-0797	001 42 52 41 07 97
Mobile/Cell	1-360-259-4418	001 36 02 59 44 18
Fax	1-443-458-6554	001 44 34 58 65 54

**Home Address:**

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Renton, WA 98058-8330

**REFERENCES AND CONTRACTS**

Contact information for professional references is available on request. Contract assignments of at least 6 months duration or full-time employment positions are preferred. However, short term contracts and part-time consulting will be considered for very interesting assignments.

**SELECTED PUBLICATIONS AND REPORTS**

Brown, J.; *Talent and Technology - Energy and Environment: A View from the Pacific Northwest*, SPE-PNW Newsletter, [November 2007](#)

Brown, J.; *BCC-PMA On-line Services Plan For 2005*, BCC Project Management Association, (March 2005), 17 pages. [see this website prototype as it evolves into something entirely different at <http://practicum.itgs.servehttp.com> ]

Brown, J.; *Do-It-Yourself Antennas*, IESC / Geekcorps Mali, (November 2004). [Google "BottleNet USAID"]

Brown, J.; *Wireless Connections at Various Distances*, Eikonex, (March 2003), 58 pages.

Brown, J.; *Developing Server Solutions for xSPs* (August 2002), 48 pages.

EIRMA Work Group 57, *Information Technology and R&D* (November 2001).

Brown, J. & Henn, N.; *The EBBS (European Broad Band Suppliers) Report*, V1, GeoNet, (August 2001), 70 pages.

Boughter, E.; Brown, J; Colvin, L.; Abusalbi, N.; McLellan, S; Roesler, A.; VanRooy, D.; *Scenario-Based Approach to Validate Distributed E&P Business Object Solutions*. **InfoPOSC** (Jun 98).

Abusalbi, N.; Brown, J; McLellan, S.; *Focus on Interoperability*. **Petroleum Data Management** (January 98).

McLellan, S.; Abusalbi, N.; Brown, J.; Quinlivan, B.; *Common Business Objects or CBO's: Demonstrating Interoperability in the Oil and Gas Industry*. **SPE Computer Applications** 9:6 (November 1997).

Brown, J.; *Support For E&P Software Interoperability Through POSC Specifications*. **Invited paper**. The Third Well Logging Symposium of Japan; **Japan Chapter Of The SPWLA Meeting Report** (September 1997).

Bernier, J. (ELF Aquitaine); Brown, J. (Schlumberger); Michel, E. (CGG-Petrosystems); *Toward Standards and Interoperability with POSC Specifications*. **InfoPOSC** 6:4 (May 1997).

McLellan, S.; Abusalbi, N.; Boughter, E.; Brown, J.; Haines, P.; *Beta SIP Views of a Web-based, Testbed Software Integration Platform to Comply with POSC Specifications*. **InfoPOSC** 6:3 (February 1997).