



Robert Brawn
Principal BI Consultant
 Email: rbrawn@gmail.com



SUMMARY: Principal BI Consultant demonstrating a distinctive combination of technical breadth, business acumen, critical analysis and communication skills. Extensive experience in the full life cycle of Enterprise Data Warehouse (EDW), Business Intelligence (BI) and OnLine Analytical Processing (OLAP) systems. Enjoys building relationships with stakeholders, understanding business issues, gathering, analyzing and documenting requirements, modeling data flows and conformed dimensions, inventing and specifying creative solutions, and working with development teams to implement solutions that consistently delight customers.

PERSONAL STRENGTHS:

Enterprise Data Warehousing	Business Intelligence & OLAP	Custom Application Development
Detail-Oriented	Creative & Inventive	People-Oriented
Shows Initiative	Learns Quickly	Team Player
Outstanding Communication	Sharp Analysis	Imaginative Problem Solving

BREADTH OF TOOLS:

Microsoft SQL Server Stack	IBM/Cognos TM1	TurboIntegrator (TI)	Arcplan Enterprise
Oracle/Hyperion Essbase	Oracle RDBMS	OracleForms	SugarCRM
			Microsoft Office

WORK EXPERIENCE:

Senior Business Analyst	<u>Independent consulting, in partnership with Intricity</u>	Mar 2010 – Current
<ul style="list-style-type: none"> ➤ <i>Client in Fairfield, CA; <u>Public-sector health insurance and healthcare services management</u></i> ✓ Business analysis on Enterprise Data Warehouse for Membership and Claims subject areas. ✓ Proposed customized Customer Relationship Management system for management of Master Data in the Provider Relations function. Participated in design of proof-of-concept prototype in SugarCRM. ✓ Built proof-of-concept membership demographics cube, and used resulting data to demonstrate data quality issues and recommend specific improvements. 		
<ul style="list-style-type: none"> ➤ <i>Client in East Windsor, NJ; <u>Global industrial raw materials wholesale and retail</u></i> ✓ Consulted on upgrades to Enterprise Data Warehouse and Business Intelligence systems. ✓ Participated in joint design sessions refining the proposed replacement EDW architecture. 		
<ul style="list-style-type: none"> ➤ <i>Client in Miami, FL; <u>Global vacation property management</u></i> ✓ Conducted assessment of current Data Warehouse, Business Intelligence and Data Stewardship functions. ✓ Advised on incremental improvements needed. Supported cross-departmental Data Stewardship proposals. 		
<ul style="list-style-type: none"> ➤ <i>Client in Charlotte, NC; <u>Specialty retail in family portraits and related products</u></i> ✓ Assessed current business processes and current technologies. Documented logical solution architecture. ✓ Advised on strategic improvements including Enterprise Data Warehouse, lightly customized Customer Relationship Management system, and system integration with new marketing concepts. 		
<ul style="list-style-type: none"> ➤ <i>Client in Rochester, NY; <u>Market-leading regional grocery store chain</u></i> ✓ Gathered and analyzed requirements for an expense budget management system. ✓ Designed hooks to reconcile budget lines against invoices, purchase orders and maintenance contracts. ✓ Designed, built, demonstrated & reviewed proof-of-concept prototype in IBM/Cognos TM1 version 9.4. 		
<ul style="list-style-type: none"> ➤ <i>Client in Portland, OR; <u>Global operations of call centers for multiple client companies</u></i> ✓ Gathered requirements for a near-real-time Enterprise Data Warehouse supporting operational reporting. ✓ Reviewed architecture, data models, and segments of ETL design for SQL Server 2008 R2 build. 		

<ul style="list-style-type: none"> ✓ Documented scope, risks, EDW requirements, report specifications, and meeting minutes. ✓ Facilitated various review meetings during requirements, architecture, design and implementation.
<ul style="list-style-type: none"> ➤ <i>Client in Rochester, NY; <u>Manufacturer of communications equipment for military and law enforcement</u></i> ✓ Facilitated discovery & documentation of multi-organizational planning & forecasting processes. ✓ Modeled & facilitated reviews of business process flow diagrams using Visio. ✓ Drove consensus on inter-departmental shared consolidations, mappings and business rules. ✓ Modeled dimensional metadata and created proofs-of-concept in IBM/Cognos TM1 version 9.4. ✓ Architected a solution roadmap based on the proposed common planning & forecasting tool. ✓ Prototyped system interfaces in Excel and facilitated reviews.
Founder & Principal Consultant Reconciling Business , Cheyenne, WY Apr 2010 – Current
<ul style="list-style-type: none"> ✓ Incorporated a privately-held “C” corporation to manage my consulting business operations. ✓ Conduct ongoing management and operation of all corporate business. ✓ Administer all employer and corporate functions including payroll, benefits, travel, expenses, reimbursements, business licenses, corporate registrations, payroll tax withholdings, income tax filings. ✓ Serve as Chairman, President, CEO, CFO & Webmaster. ✓ Employed as Principal Consultant, working in partnership with Intricity, LLC (<i>see client listings above</i>).
Arcplan Designer / Developer Sysgenix Resources , Nashville, TN Oct 2009 – Mar 2010
<ul style="list-style-type: none"> ✓ Developed reports in Arcplan Enterprise version 5.5, pulling data from Essbase, SQL Server & Teradata. ✓ Modified reports created by other developers to bring them up to published standards and best practices. ✓ Updated multiple versions of complex operational dashboards with response time information on medical procedures, for a large Healthcare client.
Senior Arcplan Consultant Oxford International , San Diego, CA May 2009 – Aug 2009
<ul style="list-style-type: none"> ✓ Installed and tested Arcplan Enterprise versions 5.5 and 6.0 on development server. ✓ Converted existing templates from ArcPlan DynaSight 4.1 to Arcplan Enterprise version 6 patch 2. ✓ Converted OLAP interfaces to newly implemented Essbase 9.3 cube structures. ✓ Converted relational interfaces from MS Access to MS SQL Server 2005. ✓ Introduced centralized management of retail calendars with automated FY, month & week calculations. ✓ Dramatically elevated the client's use of shared objects on central reference documents. ✓ Authored documentation for both users and developers.
BI Architect Hitachi Consulting , Seattle, WA Jun 2008 – Feb 2009
<ul style="list-style-type: none"> ✓ Authored TM1 job aid to help other OLAP consultants quickly learn TM1's unique features resulting from its memory-resident architecture. Compiled and organized standards, tips, hints and best practices. ✓ Assisted client in setting up and configuring OBIEE for a project planning system; consulted on data flow diagram, system environment needs, skills needs, staffing considerations. ✓ Managed project to create new budget system for restaurant chain in MS PerformancePoint Server 2007. ✓ Performed editorial review, tested exercises, captured screenshots and authored revisions to new Microsoft Press "Step By Step" book on SQL Server 2008 Analysis Services.
Senior BI Consultant Resolute Solutions , Bellevue, WA Jan 2008 – Mar 2008
<ul style="list-style-type: none"> ✓ Learned Microsoft SQL Server 2005 stack and PerformancePoint Server 2007. ✓ Installed CRM and BI software on virtual machines in support of demos and proofs-of-concept.
Senior BI Consultant Agile Systems , Bellevue, WA Apr 2006 – Dec 2007
<ul style="list-style-type: none"> ✓ Developed a global enterprise-wide financial reporting application using Applix TM1, ArcPlan DynaSight, Microsoft Excel, Visual Basic, and server command scripts. Included gathering and analyzing business requirements, creating high level architecture, modeling data, designing dimensions, hierarchies, attributes and cubes, creating cubes & cube rules, creating TurboIntegrator (TI) programs to process data, writing system documentation, training users.

<ul style="list-style-type: none"> ✓ Developed external and management financial reports, replacing the inefficient reporting from the ERP system. Reports included traffic lighting, flexible filtering, menu-driven customization, and stored user preferences. Reports that I developed included income statement, balance sheet, variance to budget, variance due to exchange, regional activity, as well as process reporting for exception handling and management of new metadata. Cut report generation time from 45 minutes to less than one minute. ✓ Created ETL (Extraction, Transformation & Loading) processes in TM1 with TI processes performing business rule mappings of relational data into dimensional model. ✓ Developed another global TM1 application to gather and consolidate data from 130 global business units in support of the footnotes in the annual report. Added new dimensions and cubes to existing environment. Also implemented a custom workflow management system, wherein submitters, reviewers and regional managers received system-generated emails informing them about submissions, rejections and approvals, with dynamically aggregated global status indicators. This application cut the headquarters quarterly process from six person-weeks to less than two person-weeks, with greatly improved data quality. ✓ Co-developed curriculum and co-led user training on TM1 and the financial reporting application. ✓ Performed TM1 server and client installations, and version upgrades from 8.4.4 to 8.4.5, then to 9.0, while migrating from 32-bit to 64-bit servers and upgrading to a newer version of MS Windows Server. ✓ Upgraded ArcPlan DynaSight servers from version 4.1.3 to 5.0. Converted existing reports. ✓ Maintained servers, monitored performance, automated TM1 Top processes to capture failure conditions, resolved interruptions to production schedules, communicated downtime notifications to user community. 		
Investment Manager	Angel Inn Capital Management , Las Vegas, NV	Jan 2003 – Mar 2006
<ul style="list-style-type: none"> ✓ Managed stock option investments for small group of select clients. Selected and transacted individual investments after considering technical analysis of underlying company, fundamental analysis of general stock market conditions, and understanding of client’s objectives and risk tolerance. ✓ Co-founded the corporation. Served as Director, Treasurer and CFO. 		
IT Engineer	Agilent Technologies , Santa Clara, CA	Feb 2000 – Jan 2003
<ul style="list-style-type: none"> ✓ Saved two weeks in an outsourcing project by inviting participation from related functions (Risk Management, Internal Audit, and Security) at an unusually early phase of vendor selection process. ✓ Supported, maintained and enhanced an application called Options+, used to administer the employee benefit of stock option grants. Modified the system to support two large corporate acquisitions, one large divestiture, revised SEC regulatory requirements, and new grants with different business rules. This application used a complex Oracle database with OracleForms, triggers, stored procedures, PL/SQL scripts, and interfaces to Visual Basic, various offline databases, and various external reports. I used SQL and PL/SQL scripts extensively to enhance the system for new requirements. ✓ Tested the Disaster Recovery Plan (DRP) and discovered errors, which prevented restoration of the data warehouse. Researched the issue, identified the problem, found the solution, revised data center procedures, revised the DRP, successfully re-tested the process, and passed internal audit. 		
IT Consultant	Hewlett Packard Consulting , Cupertino, CA	Nov 1997 – Feb 2000
<ul style="list-style-type: none"> ✓ Cut two full days from the monthly financial close cycle by replacing four disconnected regional general ledger systems with one global OnLine Analytical Processing (OLAP) application. Provided seamless drill-down from global consolidations to local journal entries. This application was developed in Hyperion Essbase, and included requirements gathering, analysis, definition of outline, creation of ETL tools, load scripts, calc scripts, and MS Excel report formats. Migrated Essbase version 4 to 5 during development. ✓ Closed the books on time every month, providing 24 x 7 support to international financial analysts, while rolling out monthly phased releases of new general ledger system. 		
IT Solutions Specialist	Hewlett Packard , Palo Alto, CA	Jul 1988 – Nov 1997
<ul style="list-style-type: none"> ✓ Replaced HP’s global enterprise-wide general ledger data warehouse, within multi-functional geographically dispersed development team. Completed project on time and on budget. Individually responsible for data migration, reporting interfaces, maintenance procedures, fiscal year end rollover processes. Met or exceeded all requirements, including regulatory compliance with IRS and SEC. 		

- ✓ Saved HP \$ 300,000 per year by gracefully decommissioning the older general ledger system.
- ✓ Recognized need for source code version control system. Researched alternatives, proposed a solution, obtained approval, implemented source code library, populated library, trained colleagues on check-out and check-in procedures. The team had lost multiple weeks of effort due to version control issues; subsequent time loss was eliminated after implementing the library.
- ✓ Recognized a pattern of frequent ad hoc requests by network engineers for traffic and response time reports on individual network links. Proposed a data warehouse of pre-calculated Key Performance Indicators (KPI). Led development of system. Slashed report generation time from days to hours.
- ✓ Hypothesized method to approximate end-to-end network congestion by aggregating component links. Tested theory. Created system to measure, calculate and store values, providing near real-time end-to-end congestion reports. System was in use until commercial network vendors offered similar functionality.

FORMAL EDUCATION:

California State University at Chico

B.S. Computer Science, Systems Option, and Math Minor
 GPA 3.45, Top 10% of Class, Dean's List, Merit Scholarship
UPE (National Honor Society for the Computing Sciences)

CONTINUING EDUCATION:

<u>University of California</u>	Financial Accounting , Math for Financial Planning
<u>De Anza College</u>	Java Programming, Advanced Programming

PROFESSIONAL DEVELOPMENT:

<u>The Data Warehouse Institute</u>	Advanced Data Modeling Techniques
<u>Kimball University</u>	Microsoft Data Warehouse in Depth
<u>Microsoft</u>	PerformancePoint Server 2007, DeltaForce Ranger SQL Server 2008 & BI
<u>IBM / Cognos / Applix</u>	Individually certified Applix TM1 Partner, Applix TM1 9.0 Development
<u>Arcplan</u>	ArcPlan DynaSight Development
<u>Oracle / Hyperion / Arbor</u>	Hyperion Planning 11.1.1 Create & Manage Applications, Essbase System 7 Foundation, Essbase Development, System Administration
<u>Oracle / PeopleSoft</u>	HR Module Development, PeopleTools
<u>Oracle</u>	SQL, PL/SQL, Forms, Program Units, Database Administration
<u>Hewlett Packard</u>	HP "Ace" Project Management
<u>Logical Conclusions</u>	Business Process Analysis, Computer Systems Design, Creating a Customerarchy

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