

# John D. Baker

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*my email is the reciprocal of  $e$  or  $1/e$  to nine decimal places*

## What I do

I am a Cognos consultant with extensive planning and BI experience. I also have a strong programming and developer background with a focus on financial forecasting and marketing systems. I am used to directing teams and working independently.

I have worked with many major planning, OLAP, SQL database and reporting systems, e.g., Cognos Planning, Cognos Analysis and Report Studios, Cognos Powerplay, TM1, Microsoft Analysis Services, SQL Server 2000-2008, Oracle and DB2. I am familiar with OLAP dimensional modeling, (particularly Cognos Framework Manager), and SQL database design and normalization practices. My SQL programming skills are current and I am familiar with ETL tools like Cognos Datamanager, (Decision Stream), and Transformer.

In addition to standard planning software I have developed specialized software tools that go beyond the facilities provided by vendors. Of particular interest is my [graphviz](#) based tool that analyzes the structure of analyst/contributor models and generates [planning model diagrams](#).

I am a skilled communicator with a history of writing detailed [technical documents](#) and giving customer [presentations](#).

## Citizenship

Dual American and Canadian able to work in either the US or Canada.

## Work Summary

<i>Position</i>	<i>Software</i>	<i>Years</i>
<i>Cognos Planning Analyst</i>	Cognos 8.4 Planning, Analysis Studio, SQL Server 2005-2008, Framework Manager, C#, J	2008-2010
<i>Senior Cognos Consultant</i>	Cognos 8/7, Cognos 8 Planning, Report Studio, SQL Server 2005, Datamanager, Transformer, TM1, Framework Manager, C#	2007-2008
<i>Cognos Consultant</i>	Cognos Planning 7/8, SQL Server 2003-2005, J	2006-2007
<i>Software Engineer</i>	Visual Studio 6 & 7, C++/STL, VB, Dyalog APL, J, SQL Server 2000-2005, JAVA, MDX, XML	2001-2006
<i>Senior Developer</i>	Dyalog APL, VB, XML, SQL, J, <i>Mathematica</i>	1999-2001
<i>APL Consultant</i>	SHARP APL, APL2, AFM, TSO/MVS	1997-1999
<i>Programmer Analyst</i>	Powerbuilder, Oracle, DB2, SAS	1995-1997
<i>Systems Analyst</i>	SHARP APL, Novell, FoxPro, Sybase	1992-1995

## Work Experience

### **Cognos Planning Analyst**

*Dummy Corporation*

Fort Wayne, IN

*December 2008 - August 2010*

At Dummy Corporation I was the senior Cognos resource involved in implementing, operating and maintaining a large company wide Cognos 8.4 sales forecasting system. After a six month implementation period I managed this system for 18 months. This system is a medium to large planning system that consists six contributor applications and extensive supporting SQL.

In addition to the sales forecasting system I was also responsible for implementing and maintaining the Finance department's Cognos 8.4 expenses forecasting system. This application had some unique output requirements that I solved with a C# program that extracted information from published contributor databases and transformed it into JDE (J. D. Edwards) oriented ETL files.

### **Senior Cognos Consultant**

*CBH Consulting*

Irvine, CA

*July 2007 - October 2008*

At CBH I worked on Cognos 8 Planning & Contributor implementations servicing clients in the greater Los Angeles and San Diego areas. In addition to planning I worked on BI Reporting, SQL projects and TM1, tasks. Typical client projects were:

- Developing Report Studio reports and tutoring users at a large Los Angeles commercial real-estate firm.
- Implementing complete Cognos 8 planning, budgeting and forecasting systems at firms in San Diego and Irvine.
- Modifying BI Datamanager Transformer cube builds at a number of firms including a large multinational studio.
- Supporting other consultants on many planning/BI projects with clients ranging from large waste processing firms to municipalities.

### **Cognos Consultant**

*Self Employed*

Ottawa, ON

*2006 - June 2007*

For six months I worked as an independent Cognos consultant serving clients in Hamilton Bermuda and Itasca Illinois.

- At AWAC (Allied World Assurance Corporation) in Hamilton I consulted on upgrading dozens of Cognos 7.2 planning models to 7.3 and 8.x systems.
- In Itasca I merged user name spaces to simplify Cognos contributor security.

**Software Engineer**

Minneapolis MN, Ottawa ON

*Adaytum/Cognos**2001 - 2006*

At Adaytum/Cognos I was a software developer working on the Analyst/Contributor components of the Cognos Planning system. I contributed to planning's capabilities by writing software that:

- Generated OLAP hierarchies from Analyst's internal mathematical formulas. This work resulted in a Cognos patent award.
- Pioneering the first planning extension to test the contributor extension framework.
- Coding new Analyst financial built in functions (BIFS).
- Improving Analyst's file system for the Cognos 8 release of planning.
- Developing a Framework Manager/Analyst prototype for using FM dimension metadata in Analyst.
- Designing a detailed XML based query and data movement language to convert contributor XML data blobs to a more usable form. The technical specification document for this language was typeset in the mathematically oriented  $\text{\LaTeX}$  2<sub>ε</sub> typesetting system.

**Senior Developer**

Toronto, ON

*Adaytum**1999 - 2001*

I worked with a team of developers on the ePlanning system. I specialized in adding new data import facilities that:

- Mapped Microsoft OLAP dimensions to Analyst mathematical dimensions.
- ePlanning DCUBES to Microsoft OLAP Analysis Services.
- SQL stored procedures.

I also made many troubleshooting and service trips to customer sites all over North America.

**APL Consultant**

Toronto ON, Dallas TX

*Self Employed**1997 - 1999*

As a chief Y2K test consultant I developed and ran extensive year 2000 millennium compliance tests on Reuters large SHARP APL based financial and economic database systems.

I also rewrote and optimized a number of key Blue Cross and Blue Shield APL2/AFM risk categorization systems maintained by the Statistical Control Department. A significant part of this work was year 2000 related.

**Programmer Analyst***Ontario Ministry of Health*

Kingston, ON

1995 - 1996

At the Ministry of Health I worked with a team that was building the first Ontario medical corporate providers database. This high profile DB2 database provided a more accurate and current view of medical providers in Ontario. I also worked on data integrity and user interface issues using Powerbuilder, SAS and Oracle.

**Senior Systems Analyst***Niagara Mohawk Power Corporation*

Syracuse, NY

1992 - 1995

Niagara Mohawk is a large electric and gas utility company with over 1.5 million customers. As a Senior Systems Analyst I played a key role in the transition from mainframe SHARP APL software to Windows, OS/2, Novell, FoxPro and Sybase client/server systems.

**Positions held before 1992**

System Manager, Queen's University, Kingston Ontario

Project Leader, Rivera Hartling Systems, Kingston Ontario

Technical Consultant, I.P. Sharp Associates, Calgary Alberta.

Mathematics Teacher, Ghana Secondary School, Tamale Ghana.

**Education**

Computing Science 1981-1983, University of Alberta, Edmonton Alberta

B.Sc. Mathematics 1974, University of Alberta, Edmonton Alberta

**References**

*Supplied upon request.*