

Bart W. JENKINS

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SUMMARY Accomplished software engineer / entrepreneur with an MBA; proficient in bridging the gap between Information Technology (IT) and the business processes IT is designed to support.

EXPERIENCE

Sep 03-Now **Advanced Modeling Concepts, Inc.** (CEO & President) McLean, VA **USA**
(<http://www.advancedmodelingconcepts.com>)

Consult to various clients in the area of Model Driven Development (MDD) using UML 2.0 tools such as Telelogic's Rhapsody for C++ and Rational Rose. Design and development of custom extensions to same UML modeling tools to auto-generate customer specific coding or modeling requirements. Thorough expertise with UML reporting tools (SODA, ReporterPLUS). Multi-year experience porting and modeling of large scale real-time ADA systems to C++. Current customers include: SAIC, General Dynamics Advanced Information Systems, and Open Systems Group.

Jul 02-Sep 03 **APIS, Inc.** (Principal) McLean, VA, **USA**
(<http://www.apisconsulting.com>)

Conducting applied research into robust distributing computing using Sun corp.'s JAVA (1.4.2), JINI (v 2.0) and Javaspace technology for use in secure B2B, Supply Chain Management (e-SCM) marketplaces (using JAAS, GSS-API and Kerberos 5). Design and development of custom extensions to Rational Rose UML modeling tool to auto-generate, object-to-relational, Castor/JDO mapping files (leveraging Rational's JAVA to REI API to directly manipulate and process Rose mdl files). Good understanding and dedicated usage of the Rational Unified Process methodology and other Rational tools, specifically, Rational Requisite Pro. Also, proposal writing, business development and market research for various APIS projects.

Feb 00-Jul 02 **Globeflow SA**, (Co-Founder and Chief Technology Officer) Madrid, **Spain**
(sold to Kewill Plc., <http://www.kewill.com>)

Provide technology vision / architecture for a B2B, pan-European startup providing IT logistics / Supply Chain Connectivity IT services in an ASP (Application Service Provider) business model named Moving Technology Exchange (MTX). MTX is an all JAVA/J2EE based, multi-tier, architecture utilizing XML technologies (XML, XSL, XSD) running in BEA's Weblogic Server.

Responsibilities include internal strategic design, decision-making, communication, technology training, and management to corporate IT, R&D, Production, Product Mgt, Engineering and contract negotiation with vendors. Including choice of: tools, hardware, software, methodologies, and programming languages. Also provided support to Sales during key account negotiations at high-level meetings with key decision makers.

Oct 98-Feb 00 **Object Design, Inc.**, (Consultant, professional services) Fairfax, VA, **USA**
(now a division of Progress Software, <http://www.progress.com>)

Engage Object Design, Inc. clients to provide professional services providing expertise with Object Design, Inc. tools and technologies, specifically: Objectstore 5.1 C++, Personalization Object Manager (POM), Component Server Framework (CSF) in a Microsoft IIS Active Server Pages environment in an NT 4.x Server environment.

Sep 97-Oct 98 **Object Design, Inc.**, (System Engineer, pre-sales) Fairfax, VA, **USA**

Complete responsibility for defining and implementing technical account strategies for Southern-region sales team for recognized prospects. Define priorities of accounts with sales staff based on thorough understanding of each prospect's technical challenges and on my ability to recommend an appropriate technical solution based on the ObjectStore family of products.

Aug 96-Sep 97 **Booz · Allen & Hamilton**, (Senior Consultant) McLean, VA **USA**
(<http://www.boozallen.com>)

ABS-Lite

Led team of three to develop an Advanced Criminal Booking Station (ABS) for the Drug Enforcement Administration utilizing Biometric authentication, ink-less "livescan" fingerprint scanning, and digital mugshot capture. Booking case and biographical data, along with fingerprint and mugshot images are stored in a Sybase SQL Anywhere database in a Windows NT 4.0 environment. UI is in Powerbuilder 5.0 and integrated with custom C/C++ code.

Ghidra

Designed and prototyped distributed computing software in C++ in a Solaris 2.5 environment for classified customer utilizing CORBA (IONA's Orbix) and Object Design's Objectstore Object-Oriented Database Management System (OODBMS) technologies.

Oct 95-May 96 **U.S. State Department**, (Software Contractor)

Brussels, **Belgium**

PC-Residential Mgt. System (PC-REMS) [Effort 6 months]

Designed, developed, and implemented a multi-user, GUI, PC based RDBMS based Property Management system using MS-Access v 2.0 to retire an aging WANG-VS Cobol system.

Sep 88-Sep 94 **MARTIN MARIETTA AEROSPACE**, (Sr. S/W Engineer)
(<http://www.lockheedmartin.com>)

Denver, CO, **USA**

Provided object-oriented, DOS-PC based, computer software solutions to support Martin's Parametric Estimating community, other Martin departments., and commercial software. Developed in Borland's Turbo Pascal 6.0, and Windows NT using Visual C++ and MFC. Including docs, help, and training.

Denver Hardware Model (DHM) [Effort: 9+ staff months]

Software engineered a PC based parametric estimating tool, that models an expensive mainframe based tool, providing cost savings to \$200K per year.

Jenkins-Walsh Resource Allocation Tool (JWRAP) [Effort: 6 staff Years]

Co-developed a successful PC, LAN based comprehensive parametric pricing / resource allocation tool, saving tens of thousands of staff hours, that shows cost position/ allocation across 100+ reports and dozens of custom graphs. This tool was marketed and sold to MBB, Gmbh (Messerschmidt Bolkow Blohm) and Motorola.

Software Performance Measurement Tool (SPMT) [Effort: 5 staff months]

Improved and expanded an existing PC based s/w performance metric tool that provides C/SCS (Cost/Schedule Control System) information.

Mar 86-Sep 88 **MARTIN MARIETTA AEROSPACE**, (Systems / Programmer Analyst)

Ocala, FL, **USA**

Programmed PC based solutions using Lotus / Dbase / Foxbase+. Provided PC end-user support. Taught Continuing Education night classes on PC subjects to Martin personnel.

EDUCATION

Sep 94-Jul 95 **Master of Business Administration** (MBA, with **HONORS**)
[Solvay Business School](#), Université Libre de Bruxelles, Brussels, Belgium

Sep 92-May 94 Coursework (17 hours) towards an **MS in Computer Science** (GPA: 3.77),
[University of Colorado, Denver](#), CO, USA

Sep 79-Aug 85 **Bachelors in Computer Information Systems**,
[Texas State University](#), San Marcos, TX, USA

OTHER

Professional: OMG UML Professional (Fundamental) certification (UML 2.0)

Military: United States Air Force Reserve (Honorable discharge)

Residences: Spain, Belgium, USA, Australia, Malaysia, Laos, Nicaragua

Personal: Citizenship: United States of America

Clearance: Secret

