

Consultant **Ken Day** Solutions Architecture, Development and Enterprise Integration

Summary of Qualifications

- Deliver business consulting, enterprise-class application development and systems integration services.
- Provide technology consulting and mentoring in support of custom applications and standard product solutions.
- Specialize in web-based technologies, products and database solutions.
- Ensure full life-cycle development process compliance in support of custom solutions.
- Consult with business users, applications engineers, sales representatives and subcontractors during discovery, requirements gathering, use-case analysis and functional specification phases.
- Design and develop user training and documentation content.

Relevant Experience

Nov.2005 **THE HOME DEPOT with COMSYS**
Present Contract Consultant and Solutions Architect

Project: Enterprise Workforce Management Consulting and Integration Services

- Provide Kronos Workforce Central (WFC) and Timekeeper Central expertise and staff mentoring for enterprise integration to PeopleSoft HR and SAP Workforce Deployment (WFD).
- Develop and manage the WFC project plan for zDB2 version 8 upgrade on zOS.
- Manage vendor relations between Kronos services and customer support staff.
- Assist PeopleSoft staff with PeopleCode XML interface redesign and remediation tasks.
- Assist SAP staff with architecture and design expertise to develop an enterprise-class solution for collecting distributed employee labor activities at point of delivery.
- Assist COBOL staff with source code redesign and remediation of batch interfaces.

Oct.2005 **DAVITA with AUTOMATING BUSINESS**
Mar.2006 Independent Consultant and Software Developer

Project: Web Services, FileNet ECM and Imaging Integration Custom Solutions

- Designed and developed an Active-X control in VB to render common image formats (JPG, PDF, GIF...) from an IE Browser host
- Designed and developed Web Services in C# & VB.NET using ASP.NET for secure, high-availability image retrieval from FileNet IS repositories.
- Designed and developed Java proxy classes for SOAP transport via webMethod's Glue API
- Designed and developed VBA macros to web-enable a PC-based terminal emulator for image retrieval and viewing.
- Developed VB controls for use with Documentum's Captiva image capture products.



Aug.2005
Sep.2005

KENT STATE UNIVERSITY with AUTOMATING BUSINESS
Independent Consultant and Software Developer

Project: Kronos WFC Implementation, Integration and Reporting Services

- Provided WFC staff mentoring for campus-wide HR integration project.
- Delivered Crystal Reports design and programming expertise for standard WFC report enhancements and HR labor analytics.
- Delivered WFC Connect design and programming expertise for HR batch interfaces.

Mar.2005
Jul.2005

MAZDA USA with EDGE TECHNOLOGICAL RESOURCES
Independent Consultant and Software Developer

Project: Upgrade Portal to Exchange 2003 and SQL Report Services

- Upgrade Exchange 2000 and Outlook Web Access (OWA) using the ASP/VB.NET Windows Form managed code assembly (TreeView control). The control is implemented over WebDAV from IE6 to manage the Exchange store (WSS).
- Redesign and redeploy custom ASP reports using SQLRS (ASP.NET). The reports will be developed using Visual Studio.NET to deliver test content building and certification tracking.
- Redesign the Test Builder XSL-based interface and upgrade from the technology preview of InfoPath to the currently shipped version from MS Office.

Oct.2003
Apr.2005

THE HOME DEPOT with VENTURI TECHNOLOGY PARTNERS
Contract Consultant and Software Developer

Project: PeopleSoft HR, Labor Management Systems and eLearning Upgrades

- Redeploy Java eLearning Systems to WebSphere cluster and redevelop code to support J2EE Web application standards.
- Redesign eLearning UI implementing the WSAD Struts framework under Eclipse.
- Provide application expertise with Kronos products (both Workforce and Timekeeper Central) for upgrade and integration to PeopleSoft HR and DB2.
- Develop XML messaging interfaces via Web Services API, Servlets and JSP.
- Create DB2 SQL for dynamic querying and Unix shell scripts for deployment.
- Assist PeopleSoft staff with PeopleCode real-time interface enhancements using the Kronos standard XML API and custom SOAP messaging.
- Assist QA efforts to stress test Kronos database to identify optimum configuration.
- Created an XML template for exception handling using XMLDOM API and XSLT.



Aug.2003 **PROVENA HEALTH with TEKTITE GROUP, LLC**
Nov.2003 Independent Consultant and Software Developer

Project: Custom Reports for Employee Time and Labor

- Designed and developed custom Crystal Reports for use with Kronos Workforce Central (WFC) version 4. The reports provide employee hours within department including account and paycode details.
- Analyzed WFC database schema changes (version 4.2 to 4.3) to identify database access methods using standard product views and custom SQL queries.
- Integrated reports with standard WFC report services interface.

May.2002 **MAZDA USA with EDGE TECHNOLOGICAL RESOURCES**
Jul.2005 Independent Consultant and Software Developer

Project: Web-based Skills Assessment Portal

- Designed and developed a multilingual, web application based on Exchange 2000 and Outlook Web Access for use as a skills building and certification monitoring system. This system allows for user-defined test content building, assignment, reporting analysis and course posting, assignment, registration and certification tracking.
- Implemented the application using Microsoft Visual Studio.NET and the following technologies: ASP, OWA, XML, XSL, DHTML, JavaScript, VBScript, ADO/OLEDB, WebDAV, CDO for Exchange and Web Storage System (WSS) Forms.

Jan.2002 **Product development with EDGE TECHNOLOGICAL RESOURCES**
Jul.2005 Independent Consultant and Software Developer

Product: Mobile Biometric Tracking Application

- Designed and developed a patent-pending “smart device application” for the capture, management and confirmation of personal biometric identity characteristics from a Windows CE-based PDA.
- Integrated standard web-based protocols and services into a turnkey system using Microsoft Embedded VC++, Pocket Internet Explorer and a biometric fingerprint reader. The system performs personal ID acquisition, enrollment and confirmation via real-time “finger scanning” analysis.
- Implemented server-side event notification and transaction queue processing using Microsoft Message Queue (MSMQ) and custom COM+ components written in C#.

May.2001 **CHICAGO PUBLIC SCHOOLS with EDGE TECHNOLOGICAL RESOURCES**
Oct.2001 Independent Consultant and Software Developer

Projects: Content Management and Enterprise Reporting Portals

- Designed and implemented an online payroll correction application using FileNet Content/Web services and XML-based, online eForms.
- Designed and developed custom web portals and applications using VC++, VB and Java to supplement and enhance core FileNet document services.
- Developed and enhanced a custom Crystal Reports package and coded to the CRPE (Print Engine) API in VC++ & VB.
- Performed Oracle version 8 performance analysis of core Labor Management database.



- Implemented PL/SQL script and object modifications as required to meet performance objectives.

Dec.2000 **MARRIOTT HOTELS with KRONOS, INC**
Feb.2001 Staff Consultant and Software Developer

Project: Directory Monitoring & Communication Services

- Designed, developed and deployed native NT services in VC++ and VB for directory monitoring and uploading of user supplied configuration files to networked data collection devices.
- Supported NT application event logging and Service Control Manager configuration and activation.

Mar.2000 **HOMEBASE, INC with KRONOS, INC**
Jul.2000 Staff Consultant and Software Developer

Project: Crystal Reports / Oracle Database Objects

- Developed and deployed custom Oracle views, stored procedures, triggers and functions on schedules, projections and budget tables.
- Implemented custom Crystal Reports for standard product report hosting, account security and user defined queries on the custom DB objects.
- Deployed native Oracle PL/SQL on Unix via ODBC pass-through SQL to minimize network usage and facilitate source code maintenance.

Dec.1998 **CHICAGO PUBLIC SCHOOLS with KRONOS, INC**
Sep.1999 Staff Consultant and Software Developer

Project: Transaction Gateway Services

- Co-designed, developed, deployed and documented high- speed transaction services components in VC++ and VB to provide scalable, user defined transaction routing to unlimited ODBC data sources via standard product communication server.
- Supported a custom application library API and Microsoft Transaction Server (MTS) component hosting over COM/DCOM.
- Interfaced to data collection devices over TCP/IP and serial protocols.

Aug.1993 **Various Customers with KRONOS, INC**
Sep.2000 Applications Engineer, Staff Consultant and Software Developer

Project: Sales/Application Engineering, Proof-of-Concept and Prototype Services

- Provided technical sales and application consulting to customers, vendors and staff.
- Developed user requirements, functional specifications and software quotations.
- Delivered technology mentoring to customers and staff.
- Developed and delivered customized consulting services, programming in C/C++, VB, SQL, Java, HTML and various scripting languages to customers and business partners to facilitate application enhancements within standard products.
- Implemented a persistent JDBC connection pool class.
- Supported Java services API via Servlets/JDBC under IBM WebSphere

Education

Consultant Ken Day holds the following degrees:

- 1992 **RANCHO SANTIAGO COLLEGE**
Computer Science and Business Administration
- 1986 **COMPUTER LEARNING CENTER**
Programming Certificate, Cum Laude with Honors
- 1975 **UNIVERSITY OF SOUTHERN CALIFORNIA**
B.A. Music Composition

Industry Products

- Environments Win32, .NET, J2EE, Unix (AIX & HP/UX), IBM WebSphere Application Server (WAS), JRun, Exchange 2000/2003, MSMQ, WinCE
- Frameworks PeopleSoft HR, SAP Workforce Deployment (WFD), ECM Documentum / Captiva, FileNet ECM Content / Imaging / Web Services, webMethods Glue
- Databases Oracle, SQL Server 7-2000, IBM DB2, MS Access, proprietary ISAM, ODBC (API), proprietary RDBMS, Dbase, Paradox
- Languages C++, VC++, ASP, VB, C#, VBScript, Java, JSP, JavaScript, PL/SQL, T-SQL, HTML, XML (XSLT, XSD, XPath), PeopleCode, Flash ActionScript, PERL, COBOL
- Tools Visual Studio.NET, WebSphere Application Developer Studio (WSAD), DB2 Connect, JBuilder, Crystal Reports, Oracle Reports/Developer 2000, TOAD, Visio, PVCS, IBM Rational ClearCase (source control), Mercury Interactive TestDirector (QA control), Borland StarTeam

FileNet Certification

- 2001 FileNet Web Services
- 2002 FileNet E-PROCESS and Java API