

Jake Eldridge

Senior Consultant / Systems Analyst / Architect

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Experience

Cision US, Inc – Consultant	April 2006 – Present
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- Defined APIs and authored frameworks for an ASP.NET / C# / SQL Server web site providing advanced searching and analytics in front of a market research database containing hundreds of millions of records and multimedia objects including images, audio, video and .pdf files.
- Created solutions and architectures and authored technical specifications.
- Automated build process using Cruise Control and Team Foundation Server.
- Supported and coordinated efforts with an offshore team in Moldova.
- Created windows service to distribute press releases consuming XML web services.
- Responsible for system performance and capacity tuning
- Defined standards for test driven development and coding.

Hartford Financial Services Group, Inc. – Consultant	January 2004 – March 2006
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- Created database and system architectures and IT solutions for:
 - Auditing M&A system integration of Oracle, Sybase and DB2/400 systems.
 - M&A system migration of underwriting operations from VB, Sybase to Oracle Forms.
 - Auditing user application access using C# and LDAP, AD, Sybase and Oracle.
 - Transmitting files to banks and customers using C#, PGP and FTP.
 - Mass loading content into a J2EE, Weblogic, Oracle document management system.
- Led team of 20 to audit and balance M&A integration of contract, claims and billing systems.
- Migrated security, translating AD accounts for applications and MS Exchange Public Folders.
- Migrated claim system to acquiring company's network including interfaces, warehouse ETL, accounting feeds and file transmissions to banks and clients.
- Generated tax documents (1099, W2, 941) and reports for ad hoc legal and business needs.
- Recreated reports for regulatory audits from source systems during data warehouse outage.
- Enumerated firewall packet filtering rules for communications during M&A system migration.
- Managed IT operations for claims systems, data warehouses and bank feeds.
- Participated in creation of business continuity and disaster recovery plans.
- Defined, implemented and enforced SOX, COBIT and ISO 17799 policies and procedures.

Graycor, Inc. – Consultant	November 2005 – March 2006
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- Migrated web site from ASP .NET, IIS to Apache, Free BSD, Python, Zope and Plone.
- Configured content management system offering non-technical business users WYSIWYG web page design and deployment.

Compusulting Group, Inc. – Consultant	September 2005 – October 2005
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- Selected platform and defined architecture for a system interfacing RFID hardware, J2ME devices, .NET web services and specialty medical hardware.
- Defined system communications processes and protocols.

LunchyMunchy.com – Architect	September 2003 – October 2003
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- Created architecture for restaurant portal using ASP.NET and C#.
- Created UML and ER diagrams and authored technical specifications for developer.

CNA Financial Corporation - Consultant	August 2002 – December 2003
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- Integrated disparate claims systems to single n-tier, VB / COM+, Oracle application. Created solutions and authored specifications for data, database and software architectures.
- Vetted and integrated 3rd party products for system components.
- Redesigned security architecture; authored test plans for application and data security.
- Consulted on project for compliance (HIPPA, OFAC) and security (COBIT, ISO 17799) of claims and contract systems.
- Performed project management duties including task definition, estimation and assignment.

Wheels, Inc. – Consultant**June 1999 – August 2002**

- Designed and built a CRM system automating emails using IIS, ASP and MS Exchange.
- Migrated web applications from distributed database architecture to single SQL Server.
- Designed, built and deployed web software products using IIS, ASP, VB, COM and SQL Server.
- Integrated web applications with back office accounting and legacy business systems.
- Participated in marketing strategy and planning sessions for product development.
- Defined and enforced security policies and for web applications.
- Vetted and selected credit card processing vendors.
- Integrated e-commerce transaction processing into ordering and accounting systems.
- Audited web systems' compliance with information security standards and SLAs with vendors and customers.
- Performed system administration, capacity planning, stress testing and tuning of queries, code, databases and web application servers.
- Worked with network engineers to enumerate application packet filtering requirements.
- Performed business impact analyses and risk assessments for credit card processing and hosting web applications.
- Consulted with managers on project management, adaptation of new technologies, change control, 3rd party software purchases and software development policies and processes.

BrandEra.com – Consultant**March 2000 – September 2000**

- Created ER and UML diagrams to document system architectures and integration with M&A systems and 3rd party software.
- Created project plan for Java platform migration of Apache / JRun to Websphere.
- Evaluated and recommend 3rd party software products for source code control, content management, rules based personalization, CRM and J2EE application server.
- Defined policies and procedures for web publishing and software development.

Quebecor World, Inc. - Consultant**January 1999 – June 1999**

- Created system and database architectures to scale VB / Access software to Citrix and Oracle.
- Designed ETL and DSS for data mart used for job scheduling and machine maintenance.
- Benchmarked data access methods, database drivers and performed capacity planning.

Information Resources, Inc. - Consultant**October 1997 – January 1999**

- Defined system, software and data architectures for multi-threaded VB, Oracle application.
- Led design meetings with business users to create tech specs from functional specs.
- Performed system and query tuning for very large database (1TB+, billions of records).

BCC, Inc. – Consultant**July 1997 – September 1997**

- Benchmarked and selected platform for website trading options and futures.
- Developed ASP, SQL Server website integrating with Visual C++, COM trading system.
- Analyzed requirements for executing electronic orders with the CME using their Trade Order Processing System (TOPS) and integrating with website and custom trading system.

Associations and Memberships

The Site of Big Shoulders – COO**June 1996 – Present**

- Architected, wrote and implemented custom content management system using UML, Linux, Apache, MySQL and PHP.
- Defined business and publishing processes, policies and procedures.
- Responsible for operations including IT, accounting, compliance, recruiting, budgeting, strategy and planning.

Education

B.S. in Computer Science from McCormick Engineering School at Northwestern University