

RÉSUMÉ

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U.S. Citizen
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Please see my on-line résumé at <http://www.chrisgeiss.com/resume>

BACKGROUND & OBJECTIVE

Software developer and consultant with 17 years professional software development experience. Mentor/team-leader experience, appreciation for two-way knowledge transfer, and excellent organizational and oral and written communication skills. Seeking opportunities to use my 4.5 years of in-depth experience with the Actuate e.Reporting Suite to help clients get the most out of their Internet or intranet based information delivery systems. Specialize in the following Actuate e.Reporting Suite services: installation; system architecture, implementation and administration; web customization and integration; report, component, and class library design and development; report developer and system administrator training and mentoring.

EDUCATION

Polytechnic Institute of New York

B.S. Electrical Engineering with Computer Engineering Minor, June 1985

GPA 3.8/4.0, Summa Cum Laude, full-tuition academic scholarship, Eta Kappa Nu, Tau Beta Pi

Continuing Education Courses & Conferences

Actuate International Users Conference 2000, 2001, 2002

Application Development Using SilverStream

Advanced Java Programming Tools and Techniques

Object-Oriented Analysis and Design

Relational Databases: Design, Tools and Techniques

MS Windows Programming: Hands-on

SKILLS

Languages	Actuate Basic, Transact-SQL, Java, JavaScript, Active Server Pages, DHTML, CSS1&2, PowerBuilder 4.0/5.0 w. PFC, CA Visual Objects, Clipper, Microsoft 'C', 6502 Assembler, FORTRAN, Pascal, PL/1, Forth
Software	Actuate 6, Actuate e.Report Designer Professional, Actuate ReportCast, Actuate e.Analysis, Actuate Advanced e.Report Server on Windows NT and UNIX, Actuate Requester API, Actuate Report Server API, Visual Basic, Visual InterDev, FrontPage, Visual SourceSafe, PVCS, Teleform, SilverStream, HOW, ERwin, Power-Designer, InstallShield, ObjectCycle, Procomm 3.0 Scripting
Database	MS SQL Server 6.5/7/2000, Oracle 8.0, Sybase System 10/11, Oracle RDB, Sybase SQL Anywhere, Btrieve, Clipper/dBASE
Systems	Windows NT/2000 Server, Microsoft IIS, Netware, Netware Connect 2 .0
Hardware	Digital imaging (Truevision Targa+), 3270 Terminal Emulation, IEEE-488 Programmable Instrumentation, Digital I/O, RS-232, Touch Screen

ACTUATE CONSULTING/CONTRACTING EXPERIENCE

2002 Actuate International Users Conference**August 2002***Guest Speaker*

Actuate invited me to develop and deliver a conference session on "Administering Actuate e.Reporting System Volumes." This session covered the general concepts and detailed information that administrators and developers must understand in order to effectively set up and manage Actuate 6 Report Encyclopedia Volumes. Included many suggestions and best practices based on my own Actuate administration experience.

Actuate's Monthly Newsletter**Since March 2002***Author*

I have written several articles for Actuate's monthly newsletter (with circulation to 20,000 recipients) including the following:

- "Capturing the SQL Text for Dynamic Queries"
- "How Actuate Reports Process Adhoc Parameter Values and Expressions"
- "How to Use Adhoc Parameters in Actuate Reports"
- "Managing Actuate Report Design Source Files"
- "Naming Conventions for Actuate Basic Report Designs"

National Insurance Brokerage for the Construction Industry**Since June 2002***Actuate e.Report Development*

Provide Actuate report development services for this client on an as-needed basis. Reports are distributed over the company's intranet to users who utilize them to manage and gauge the effectiveness of the various insurance programs offered to their clients.

Mystery shopping company**Since October 2000***Software Development and Consulting Services*

Provide planning, design, development and mentoring services for their internal development staff on an ongoing basis. Provide Actuate 5, SQL Server/Transact-SQL, database design, Visual Basic and web programming services, training and support for their Windows NT, SQL Server, IIS environment. Development is centered around their internally developed system used to manage and assign 95,000 mystery shoppers to various service evaluation tasks. Actuate is used for internal reporting as well as customer reporting to their clients such as Kroger supermarkets, Federated Department Stores, Estee Lauder and Independence Bank. Designed and developed data warehouse and Actuate reports for distribution of detailed and monthly and annual summary data to clients. Designed and assisted in development of Visual Basic application to automate distribution of Actuate reports in Adobe .pdf format via fax and email. Designed and assisted in development of Visual Basic application to distribute mystery shopping information in XML format. Implemented version control system for Actuate report designs, Visual Basic and web application source code files using Microsoft Visual SourceSafe and Source OffSite. Designed, and am coordinating local and overseas (Russian) development resources, to build a generic system for designing and deploying on-line, web-based surveys. All reporting is done using Actuate 5; each summary and detail report adjusts dynamically to their client's organizational structure and to the specific content of the survey form in question (dynamic cross-tab reports with drill-down capability).

Third party freight billing company**Since January 2000***Actuate e.Reporting Suite Consulting*

This company specializes in freight bill pre-audit, carrier payment, and financial/logistics management reporting and I provide Actuate development, mentoring and administration services on an ongoing basis for their Windows NT, VAX, Oracle RDB, Microsoft Access and Microsoft SQL Server environment. Migrated them from Actuate 3.x to 4.x to 5.x. Will migrate to Actuate 6 when it is released. Responsible for Web Agent and ReportCast customizations to match look of their Internet portal. Develop base reports and class libraries to support report development by internal programmers. Develop advanced reports requiring graphs, drill downs and linking, and special requirements such as exporting report data to flat file and Excel formats. Develop and manage a suite of Actuate Basic and e.Spreadsheet reports. Implemented e.Analysis to permit customers to perform their own data analysis. Manage and administer Actuate environment to support customers such as Dell Computer, Hewlett Packard, Unisys, Maxtor and Wyeth.

Marketing company**Since November 2001***Actuate e.Reporting Suite Training and Mentoring*

Developed and delivered onsite training classes for report development and system administration. Trained and mentored 10 students. Covered standard and advanced features of the Actuate e.Reporting Suite 5. Developed and documented procedure for backing up report encyclopedia. Developed and documented procedure for handling version control of report design files. Provided phone and email support for students after delivering training classes. Now provide on-going, as-needed Actuate development services.

Contract Position at J. & W. Seligman, New York, NY**April to June 2001***Actuate e.Reporting Suite Consulting*

Worked two days a week on site to help the company implement their Actuate 5 e.Reporting system on Windows NT and Sybase System 11. System part of an enterprise Java application used for mutual fund portfolio management and reporting. Conducted seminars on Actuate system architecture and report development concepts. Mentored internal staff of 3 Actuate developers to help with advanced features of Actuate report development. Developed and documented coding guidelines and standards. Developed and documented version control system for Actuate report designs and documentation using Microsoft Visual SourceSafe. Worked with another Actuate consultant to customize report development framework and libraries. Also helped develop library of Browser Scripting Controls to make it possible to embed report parameter entry fields in an Actuate report document; this feature made it easy for the user to view a document, view the parameters that generated the document and modify the parameters to achieve the desired output. Reports were linked with drill down and cross linking to make it easy for the user to zero in on the information in which they are interested. Developed components and XML configuration file to make it easy to redirect report designs to different databases without modifying source code. Trained three network administrators on Actuate system administration. Conducted seminar with internal QA staff to explain issues to look for when testing Actuate deployments.

Contract Position with Silicon Graphics, Inc. (SGI), Mountain View, CA**February 2000 to February 2001***Actuate e.Reporting Suite Consulting*

Worked remotely from my home office (via a virtual private network) as the architect and lead developer for the SGI Quote Print System. This system is a part of the SGI Crystal ClearContracts application that was built around the Clarify CRM system running on Oracle 8. The SGI Quote Print System is used to distribute hardware support contract quotations to SGI customers around the world. Each quotation has one of several optional database driven cover letters, Clarify database content, and a variety of desktop published marketing and legal documents attached to it. System was architected around Actuate e.Reporting Suite 3.x since that is the version bundled with Clarify; SGI did not want to incur the expense of upgrading to Actuate 4. Used COM object based products from ActivePDF to build an Actuate driver report that is capable of running other Actuate reports, converting them to Adobe Portable Document Format (PDF), attaching a variety of static .pdf attachments and then distributing the resulting document package via SMTP email and fax. Worked with another consultant to build quotation report designs in many languages including French, German, Spanish, Portuguese, Norwegian, Swedish, Czech, etc. Administered and performance tuned Quote Print system once in production. Worked with Clarify developers to help define database driven interface between Clarify and Quote Print system. Provided technical support and assistance for internal Actuate developers. Developed documentation and trained SGI employees responsible for maintaining the SGI Quote Print system.

Contract Position at Silicon Graphics, Inc. (SGI), Mountain View, CA**November to December 1999***Actuate e.Reporting Suite Consulting*

Responsible for architecting, implementing and administering Actuate e.Reporting Suite 3.x reporting system in Windows NT, Clarify, and Oracle 8 environment. Developed coding guidelines and standards for Actuate report designs. Customized Actuate reports distributed with Clarify. Built report designs from scratch to implement internal reporting functions via Actuate Viewer and HTML. Customized Web Agent to meet SGI requirements and reduce user errors. Developed documentation to help SGI employees properly manage and administer system. Wrote code to enable automatic replication of Report Encyclopedia from primary production server to backup fail-over server. Developed class library to implement "No Data Found" message in all Actuate reports.

Contract Position at BellSouth Communication Systems, Roanoke, VA**June to October 1999***Actuate e.Reporting Suite Consulting*

Responsible for architecting and implementing Actuate e.Reporting Suite 3.x reporting system in HP-UX 10 (6 CPU) and Oracle 8 environment. System used for internal distribution of information about BellSouth customers and accounts. Trained 5 internal report developers via one-on-one mentoring and group seminars. Worked with Forte consultant to integrate Actuate with Forte application. Provided technical assistance and coordinated report development efforts for 3 other Actuate consultants. Built component and function libraries to facilitate report development. Developed code for exporting Actuate report data to flat files and Excel spreadsheets for distribution of data to external partners. Administered and managed Actuate server. Built Java servlet to customize report parameter pages for Web Agent to provide features such as database driven choice lists and client side validations. Servlet developed on Windows and deployed on UNIX system. Documented report designs and developed "Actuate Tech Tips" to provide step by step instructions for Actuate developers. Built class library to make it easy to define report queries using plain SQL text instead of using the Graphical Query Editor (similar to the Textual Query Editor feature released in Actuate 5).

Contract Position at Warrantech Corporation, Stamford, CT**April to May 1999***Actuate e.Reporting Suite Consulting*

Mentored and trained internal developers on how to effectively use Actuate e.Reporting Suite 3.x for internal and Internet based information delivery for partners such as CompUSA. Built reporting framework including feature to automate output of database driven report parameters on all report designs. Wrote custom code to obtain database connection properties from the NT registry to permit easy switching from one database environment to another (similar to XML configuration file feature released in Actuate 5). Helped develop report designs and libraries and trained developers on how to administer the e.Report server and Web Agent in a Windows NT and Oracle 8 environment. Worked with ASP developers to customize Web Agent interface to permit more sophisticated report parameter pages including features like client side validation and database driven choice lists.

Getting Started as Independent Consultant**January to March 1999***Web Development Project*

Worked on a personally funded project to develop a database driven web site, which I used to train myself on Microsoft tools and technologies for Internet development. Worked with MS SQL Server 6.5, IIS 4.0, Visual InterDev 6.0, FrontPage 98 and Internet Explorer 4.0. Built web applications using Active Server Pages, Transact-SQL Stored Procedures, JavaScript, VBScript and HTML 4. Used ERwin for logical and physical data modeling. Much of this work was the starting point for www.chrisgeiss.com.

Consulting while Employee of Noblestar Systems Corporation, Parsippany, NJ**January to December 1998***Web-based Enterprise Reporting Solution*

Project for Noblestar Client Warrantech Corporation, a provider of extended warranty plans for computers, automobiles and appliances. Performed role as web-based reporting "Champion" and implemented an enterprise reporting solution on a Windows NT network using Microsoft IE 4.0, Microsoft IIS, the Actuate Report Server and the Actuate Developer Workbench. Reports distributed via the corporate Intranet and the Internet using the Actuate LRX (Live Reporting Extension). Data access from MS SQL Server 6.5 and Oracle 8.0 using queries and stored procedures. Worked with ASP programmer to build customized front-end using Actuate Web Agent templates and Microsoft Active Server Pages. Used OO features of product to build foundation classes to extend the supplied framework to increase code reuse and overcome product limitations. Developed coding standards and practices as well as implementing Microsoft Visual SourceSafe for source code and document control. Developed financial reports for check reconciliation for the HDI Division's Intranet-based HDI Finance Application. Developed reports for the Automotive division, to be distributed to their automotive dealer network via the Internet. Trained and mentored developers implementing reporting solutions for these and the companies other divisions. Installed and administered IIS 4.0 and Actuate Report Server 3.2.

Prototype for Executive Information System 2000

Project for Noblestar Client Warrantech Corporation. Used Actuate enterprise reporting system to build prototype of Executive Information System 2000 and perform proof of concept and evaluation of Actuate software. Prototype used Microsoft IE 4.0, HTML, and the Actuate Report Server and LRX to link data warehouse information to relevant information on the Internet and deliver it to the executive desktop.

Technology Evaluation

Project for Noblestar Client Petro Heating & Power Corporation, a distributor of home heating fuels and services. Authored white paper on Intranet reporting technologies and software packages. Evaluated Crystal Reports, Crystal Info, Brio, Cognos and Actuate web-based reporting products. Developed proof of concept reports using the OO capabilities of the Actuate Report Server and Developer Workbench, including the creation of base class reports to ensure a consistent look and feel for all reports that could be easily maintained. Based on my recommendations Petro selected the Actuate product suite for its information delivery needs.

EMPLOYMENT EXPERIENCE

Noblestar Systems Corporation, Parsippany, NJ

August 1997 to December 1998

Technical Team Leader Responsible for performing IT consulting functions for company's clients, including requirements analysis, technology evaluation and recommendation, mentoring, systems analysis, and software design, prototyping, implementation and testing.

Java Prototype Development

Developed prototype applications using SilverStream. These included a proof of concept for Dowling College's Rideshare car pooling initiative and a prototype for an Internet based golfing reservation system. Application server running on Windows NT with browsers used for application access. Performed all application design, implementation and testing, including graphics design and layout.

Web-based Enterprise Reporting Solution

Project for Noblestar Client Warrantech Corporation, a provider of extended warranty plans for computers, automobiles and appliances. Performed role as web-based reporting "Champion" and implemented an enterprise reporting solution on a Windows NT network using Microsoft IE 4.0, Microsoft IIS, the Actuate Report Server and the Actuate Developer Workbench. Reports distributed via the corporate Intranet and the Internet using the Actuate LRX (Live Reporting Extension). Data access from MS SQL Server 6.5 and Oracle 8.0 using queries and stored procedures. Worked with ASP programmer to build customized front-end using Actuate Web Agent templates and Microsoft Active Server Pages. Used OO features of product to build foundation classes to extend the supplied framework to increase code reuse and overcome product limitations. Developed coding standards and practices as well as implementing Microsoft Source Safe for source code and document control. Developed financial reports for check reconciliation for the HDI Division's Intranet-based HDI Finance Application. Developed reports for the Automotive division, to be distributed to their automotive dealer network via the Internet. Trained and mentored developers implementing reporting solutions for these and the companies other divisions. Installed and administered IIS 4.0 and Actuate Report Server 3.2.

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Development of Database Documentation

Project for Noblestar Client Warrantech Corporation. Used ERwin 3.5 to reverse engineer Microsoft SQL Server 6.5 databases and develop database documentation for the WISE system. Databases had 300+ tables. Documentation used by the developers maintaining the existing PowerBuilder system as well as the team developing new Intranet applications.

Mentoring and Technology Evaluation

Project for Noblestar Client Petro Heating & Power Corporation, a distributor of home heating fuels and services. Used PowerDesigner to reverse-engineer and document Sybase System 10 databases. Developed reports using the OO capabilities of the Actuate Report Server and Developer Workbench, including the creation of base class reports to ensure a consistent look and feel for all reports that could be easily maintained. Authored white paper on Intranet reporting technologies and software packages. Evaluated Crystal Reports, Crystal Info and Actuate web-based report server products.

Proposal for Web-based Information System for Exporting Company

Helped develop project proposal for Noblestar Client ANSAC, an international exporter of soda ash. Worked on team of five developers to perform requirements capture, systems analysis and high-level design for an Intranet application that was prototyped using the SilverStream Java application server and development environment. System was to be used for managing the end-to-end process involved in exporting soda ash from the United States to foreign nations; including inventory control, sales projections, ordering, shipment scheduling, paperwork handling and quality control functions. Performed requirements capture, use case analysis and object modeling using Riverton's HOW in a team development environment. Developed conceptual and physical database models using S-Designor. Project required the reverse-engineering of a legacy system developed in DataEase in order to capture business rules and processes.

American Data Services, Huntington, NY

May 1995 to August 1997

Systems Analyst/Software Developer Member of team responsible for developing software applications and maintaining information processing and communications infrastructure required to support over 50 mutual fund clients. Developed object-oriented PowerBuilder/PFC applications to extend capabilities of internally developed, legacy mutual fund accounting and shareholder services applications. Installed and maintain Microsoft IIS 1.0, Netware Connect 2.0 modem pool and Delrina

WinFax Pro servers and helped install and maintain Windows NT 3.51, and Netware 3.12 servers. Introduced use of CompuServe, Internet, Win95 and ObjectCycle as productivity tools. Used ERwin and S-Designor to reverse engineer legacy databases and provide documentation.

Data Conversion Application

Developed PowerBuilder 5/PFC application to automate conversion of 50+ mutual fund databases from the legacy shareholder services system to a 3rd party COBOL based system. Utilized an object-oriented design and implementation to make the system easier to maintain when changes were made to either the source or destination systems. Very flexible user interface implemented to allow fine grained control of the conversion process. Also provided for the creation of detailed status and error log files to simplify problem diagnosis.

ADS Report Viewer and Automated Report Distribution

Used PowerBuilder 5/PFC and Xbase technology to build applications for distribution of reports to clients. ADS Report Viewer allowed mutual fund advisors to receive electronic versions of accounting reports; eliminated daily need to manually fax hundreds of pages; made extensive use of third party VBX and DLL components; professional quality installation disks developed using InstallShield. Developed application that used MAPI and Microsoft Exchange to electronically distribute reports and data files to clients via CompuServe and Internet e-mail.

Portfolio Pricing Software

Developed the ADS Shark Pricing Program using PowerBuilder 5, which used DDE to control ADP's Shark for Windows dial-up pricing software to automatically obtain the securities prices used to calculate the daily Net Asset Values for the mutual fund portfolios. Added support for Reuters and ADP Shark automated portfolio pricing to fund accounting system.

Olympus America, Melville, NY

January 1990 to May 1995

Software Development Manager Managed the development of a Windows-based patient record and medical image management system, coordinating the efforts of a local team of 9 developers and a 4 man team in Germany. Worked with marketing, R&D and Field Engineering to capture requirements. Edited and co-authored 200 page System Requirements Specification including hazard analysis required per FDA regulations. Responsible for project scheduling and reports to management. Version control tools used to aid in efficient and effective software development. Involved in creation of formal software policies to ensure compliance with FDA guidelines. Product developed using Visual Basic, PowerBuilder and Watcom SQL. Managed 8-person team to complete development of a DOS-based multi-user patient record and medical image management system using 'C', Btrieve and Vermont Views; introduced and implemented practice of bringing developers to customer sites and involving them in product demonstrations at medical shows to increase their understanding of the uses and applications for the product; successfully increased developer "buy-in" to project. Responsible for planning, coordination, setup and demonstration of software products at three large medical trade shows.

Senior Software Engineer/Project Leader Technical lead for a 7-person team developing DOS product mentioned above. Mentored two junior engineers in techniques for improving 'C' code efficiency, reducing coding errors and increasing code maintainability. Implemented Netware network to increase efficiency of sharing software libraries and project source code. Introduced e-mail to increase the efficiency of communications among developers. Developed 'C' library "wrapper" for Btrieve database functions to hide complexities of use from developers; reduced coding errors and reduced developer training time by 50%. Developed and maintained all of the 'C' code libraries for image manipulation, database handling, user interface, error handling, RS-232 communication, including 300 page programmer's reference manual; use of OO techniques in 'C' made library code easier to maintain and minimized impact of changes on existing application code. Established guidelines for source code and documentation version control. Worked on 2 man team to develop a DOS based slide presentation package that enhanced a third-party, medical image management system marketed by Olympus.

Axiom Systems, East Meadow, NY

November 1988 to December 1989

Programmer/Analyst Developed PC software systems in 'C' to add flexibility and capability to mainframe-based laboratory information management systems. Included software to handle data collection from intelligent lab instruments and communications between the instruments and mainframe host.

American Technical Ceramics, Huntington Station, NY

January 1984 to October 1988

Software Engineer Developed a PC-based control system using 'C' to automate the testing of precision ceramic capacitors to mil. specs. Developed dBASE III application for managing the Employee Bonus Incentive Program.