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OBJECTIVE

To continually advance technical skills and deliver solutions to complex problems.

WORK HISTORY

Feb00-Nov23   The DNS Group

- **Data Integration with AI** – Implemented a C# MVC web app to connect to Workday, Salesforce, ECC and Callidus via API's. The JSON is being written into a SQL Server DB and the app allows for sql's to be strung together for transformational workflow. After the transformations, API's are called to move the data back into Callidus. The AI portion allows for natural language queries to pull data into a table view in the browser. It's done by reading the DB schema, with relationships and passing the schema structure to AI (no data is passed). The AI responds with a SQL to execute.
- **Callidus Developer** – Johson Controls - Gathered requirements for Callidus Comp Config & developed a C# application for reporting mapping architecture.
- **Callidus Developer** - Functioned as a Callidus Comp Config & Report Developer for BCBSFL for on-going change requests (requirements, design, develop, test & prod migration).
- **Callidus Developer** - Functioned as a Callidus Report Developer for Charter Telco for their initial implementation (requirements, design, develop, test & prod migration). Setup stagehooks and hana stored procs, tables, functions.
- **Callidus Developer** - Functioned as a Callidus Comp Plan Designer (ICM) for Amgen to roll out monthly and quarterly changes. Developed a validation script to cross check Crystal Reports against outputs exported via webi's. Designed a proof of concept to separate report layouts and data elements from Crystal so that those elements could be maintained within classifiers. Provided on-going production support for issues associated with comp plans and reports.
- **Senior Developer** -Developed, unit tested and migrated 50 plus new BIRT reports for the Toyota Maximo 7.6 implementation. Some reports contained multiple data sources (other than Maximo) and aggregated the data within the report. Other reports embedded attached Maximo pictures inside of the reports. Provided technical guidance to the business and management on the capabilities that could be implemented from a reporting perspective.
- **Team Lead** - Functioned as a Callidus Comp Admin Lead (ICM) for Wellpoint Insurance. Worked with the business and IT to roll out new plans for various states. Determine category/classifier updates needed to support new product lines being offered. Implemented comp plan changes and assisted with unit testing.
- **Senior Developer** - Functioned as a Callidus Comp Plan Designer (ICM) for Sprint to roll out 2015 Comp Plan Changes.
- **Team Lead** - Functioned as a Callidus Comp Admin (ICM) and Lead Report Developer for Rogers Communications for 2 years. Designed comp plans and wrote credit, measurement, incentive and deposit rules. Provided guidance, training and direction for new comp admins. Coordinated with the environment team to validate dev, test and prod environments were setup correctly by validating datamart ETL, TrueInformation/Actuate and Crystal/Business Objects. Created report design documents and developed both crystal business objects and actuate reports.
- **Senior Developer** -Working as a Maximo/Actuate/BIRT developer with the Maryland DOT. I'm supporting and enhancing existing production Maximo 6.1 reports and converting existing reports from Actuate to BIRT and deploying them within the Maximo 7.6 environment.
- **Senior Developer** -Worked as a Maximo/BIRT developer for Amtrak. The project was a new production rollout involving 60 plus reports. Assisted over a 3 month period to get the behind schedule project back on target for their implementation date.
- **Solo Project** – Developed a Point of Sale application for a single restaurant. Functionality included credit card processing, thermal printer integration, time clock in/out and internet facing reports to allow management to view sales and on-duty staff from anywhere. Technologies utilized included C#, MS Sql Server, Actuate reporting and Authorize.Net.
- **Team Lead** - Functioned as a Callidus/Actuate team lead for Computer Associates. Gathered Business and Functional requirements and compiled them into a Design document. Managed a 5 person team, on-shore and off-shore to develop multiple reports. Coordinated SIT and UAT efforts to deliver the reports in a timely manner. Remained on-board for an additional 2 months after the project was delivered and the team had moved on to support production efforts and help train a production support team.
- **Senior Developer** -Developed multiple Callidus reports for Safety Kleen. Worked with both the business units and the IT staff to develop requirements, test plans and production support for these high visibility statements. They were customized to run against a profit center hierarchy that was located only within Truecomp while reporting out the contents based on data located within the datamart.
- **Senior Developer** -Worked on a NASA Maximo upgrade project (4.11 to 6.2) handling all of the report re-writes. The out-of-the-box reports were modified to apply to specific NASA needs while the end-users provided close to 100 new report requests that had to be developed from scratch. I worked alone on the reporting pieces of this project handling everything including end user requirement gathering, report development, system test and UAT and finally the production deployments.
- **Senior Developer** -Report developer for IAP Worldwide Services on multiple Maximo 5.x and 6.2 environments. Working with the end users to develop multiple reports and query submit pages. The position entails developing the reports, registering, testing and promoting them into the production environment. Also, performing minor environment troubleshooting.
- **Senior Developer** -Worked with American Enterprise in Des Moines, IA to gather Callidus requirements for reporting, comp and data integration. Some initial design work was done; however, this was an On Demand implementation so it was handed over to the internal Callidus team for design and implementation.
- **Senior Developer** -Worked with Lowes Hardware to develop Callidus reports as text files which were uploaded to

the mainframe and accessible to the stores. This was a short term project and I was only tasked with completing work that had been started by another team member that had left.

- **Team lead** - Sprint Callidus 5.1.2 implementation. Managed both a reporting team of 8 people plus a java development team of 4 people. Worked with Sprint business units to scope work through BR, FR & SR stages. Provided guidance with both Actuate and TrueInformation implementation and integration with Siteminder/LDAP and the custom java portal that was developed in-house.   Managed resources during UAT and production break/fix cycle. Worked with Callidus production support to address issues and enhancements in a methodical and time efficient manner. This was an 18 month contract which covered 2 different instances of Callidus being brought on-line which when combined equal the largest Callidus project ever deployed. The team and the project were both exceptional.
- Functioned as a C# developer with SQL Sentry. There product handles monitoring and job scheduling functionality for multiple database servers within an enterprise. The product already supports SQL Server and I added additional functionality so that it now supports Oracle servers as well. The product is an oop app written in .Net 2.0. that utilizes object encapsulation, inheritance and interfaces allowing polymorphism. The UI displays events using a custom outlook style calendar. It's 100% service based, there are no agents. The only client piece is the console that hosts the calendar and settings.
- Functioned as a Actuate report developer on the maximo project at Northrop Grumman for 14 months. The work was done primarily remotely and involved creating approximately 76 reports that utilized the standard maximo libraries for integration into the maximo portal. Each of these reports also had an associated submission report for parameter inputs that had to be developed. I also developed stored procedures that extracted data to excel spreadsheets for import into a monthly power point presentation. I assisted with the administration of workflow design to ensure appropriate routing to approving authorities for purchase orders, work orders, etc. I worked with the business unit to determine specific conditions, interactions and inputs that would be utilized within the workflow designer.
- Team lead on EBI Medical Callidus 4.4 implementation. Lead 3 person Actuate 8 reporting team through design, build and deployment of 9 reports with page level security as well as the Trueportal/TrueInformation install and configuration. True portal was configured to work with domino's ldap security. Worked closely with the business unit throughout the implementation to determine compensation and reporting requirements. Provided weekly status reports to the PM as to the reporting team's issues and progress. Gathered requirements from the client in order to build Incentive Compensation Plans in Callidus TrueComp.   Designed compensation plans to meet the business needs. Presented complete documentation to the business for approval of Compensation Plan Design. Built new plans in the Truecomp system and unit tested the finished plans for any first tier defects in logic.   The deployment was successful in meeting an on-time delivery to production.
- Member of the Avaya Callidus 4.4 implementation. Cognos was the companies enterprise reporting tool and was used as the reporting tool for their Callidus implementation. The backend was Oracle 9i and stored procedures and materialized views were used for the datasource of the reports. I developed multiple sp's, view's and cognos reports that ran against both the datamart and the truecomp repository.
- Report Developer on Cingular Callidus Truecomp project.
- Developed a C# Point of Sale system for a new restaurant. In under 2 months, I incorporated all basic POS functionality needed for a restaurant to fully function including ultra fast merchant credit card processing, menu management, clock in/out cabability, employee scheduling based off of budget controlled analysis from the prior weeks same day sales. The system would disperse wait staff order entry to the kitchen and alcohol sales to the bar. The hardware utilized was standard touch screen monitors along with thermal printers for quick receipt printing. Hex printer code commands had to be utilized for the printer functionality. Additionally, all sales and staffing information was available from a secure website via multiple reports. Thus, the restaraunt performance could be monitored from anywhere. An exceptionally fun development project.
- Member of a Callidus implementation team at Bank of America. I was focused on Oracle Performance tuning, Actuate 7 report development and trueportal implementation. Position included prototyping reports for the business unit, customizing informatica mappings and writing highly optimized stored procedures. Worked with the business unit to determine compensation plans, incentives and measurements.
- Participated on a Callidus upgrade team at Hyperion Corporation. The Truecomp Manager software was upgraded from version 2.5 to 3.7. The Truecomp Viewer was upgraded to version 3.2 and the Actuate reports were migrated from Actuate 4.1 to 5.1. There was a heavy concentration of customized stored procedures in the old environment, which caused the need to make the same customized modifications within the new environment. All of the Actuate reports were re-mapped to the Callidus datamart from the older reporting tables. We had to customize various datamart tables to facilitate this re-mapping so that they included generic attributes from the previous environment. Informatica ETL mappings had to be adjusted as well. Truecomp Viewer was configured to use Windows Integrated Security to facilitate a seamless login per the client request. Customizations had to occur with Actuate permissions and usernames, which involved stored procedures and Actuate reports.
- Assisted Wachovia Bank with Actuate 6 project integration. The project consisted of a customized corporate web front end that posts parameters directly into the report server. The reports then use a java interface to set webservice parameters and make a SOAP call to a C# .Net webservice. The C# makes calls to a SQL Server and a mainframe in order to obtain all necessary data to create a webservice response. Actuate utilizes the response as the datasource. Additionally, RSSE work was performed to incorporate a single sign-on capability accepting credentials from a cookie. This has been an interesting 'Thinking Outside of the Box' implementation.
- Consulted with Sprint on an Actuate 6 project, assisting with Architecture Design and Implementation. The actuate 6 implementation was an OEM implementation with Callidus software on the front end. The team is heavily customizing the Callidus reporting to the Sprint specific requirements. Report clustering as well as the Active Portal is being utilized on this project. SOAP messaging to handle all of the previous RSAPI and RQAPI functionality has been implemented within java classes. The reporting is done after the Callidus pipeline runs providing a snapshot of the previous days sales information.
- Worked on various projects including a C#. Net project, a biztalk project, a Teleform software project, an Actuate project and an ASP/VB website project. The DNS Group focuses on both in house and outsourced projects. To this point, I have primarily been in house working through the multiple projects.
- Participated as 1 of 2 members on a developer Actuate help desk for all of Bank of America. Through this entity we provided assistance on multiple topics to developers including but not limited to Actuate ldap integration with iPlanet, using xml as a data source, creating reports that output only xml and using DB2 stored procs. Through the last

topic, we uncovered flaws within the Actuate product that subsequently got fixed and incorporated into a later released service pack for the product.

- Performed as a subcontractor to numerous other consulting companies.

Jul01-Nov01   ettain
- Initially developed a biztalk sales presentation utilizing xml and COM calls through the orchestration software. After the presentations completion, I moved to a VB/MTS/XML/Sql Server project for a book publishing company. We designed and developed their order entry system, which collects orders via 800 numbers, web site and manually through order entry clerks. The system handles credit card processing as well as shipping. The communication with the MTS objects has been through a web services methodology utilizing XML request response.
- Performed work for Bank of America as a high level strategic architect for their Actuate implementation.

Feb01-Nov01   Wachovia
- Developed an Actuate reporting system to track problem management and system availability. The system was fully implemented into an ASP application utilizing MTS Objects. The MTS Objects handled the communication via the report server through both the RSAPIs and the RQAPIs.
- An intranet site was developed to assist with financial risk analysis. Primary responsibility is utilizing biztalk server to centralize all data migration processes to the DB2 database. Com components are being created that the biztalk orchestration will call. Biztalk is polling a directory for xml files which contain data migration instructions. Once the file is retrieved it is passed to a messaging port which activates the orchestration component. The orchestration component uses pseudo logic in determining the correct com components to call. In addition to biztalk, ASP, VB and C++ are being utilized.

Jan01-Nov01   Sprint
- An intranet site was developed to manage IS help desk requests along with IS forecasting analysis information. Technologies used to develop the site include ASP, MTS, Oracle, HTML/DHTML, SOAP and JavaScript. The role has entailed full life cycle involvement including interaction with the business units/IS Units as well as the site architecture and development.
- Developed several actuate reports that utilized Oracle Stored Procedures. Developed a customized Stored Procedure Object to handle some functionality that did not come with the Actuate object. The reports primary purpose was to set Quota's for Sprints sale force personnel.

Mar00-Dec00   RMIC Mortgage Insurance
- Work is being provided on a Java Applet project utilizing the Jaguar Transaction Server. The applet manages all RMIC client information. An iiop protocol is used to communicate with the corba middle tier. Java AWT and RMI are all utilized with a SQL Server database on the backend. Serialized java objects handle the business logic and data centric logic.
- I am also participating on a second project that maintains a repository of rules that are the decision factor for the approval of mortgage insurance requests. These rules were previously placed into the repository via an applet but due to some incorrect architecture with the applet a different approach was requested. The redirection has now entailed Active Server Pages in the middle with javascript on the client. The javascript is used to give DHTML effects through the use of the document model and also to perform form validation. ASP on the backend connects to the SQL Server database and creates dynamically created html. A second phase of this project is intended to utilize MTS Objects to handle the logic but is postponed for now due to budgetary constraints.
- Provided Actuate consulting services for report development. A Siebel upgrade is being conducting so report customization is occurring. Participated on a 3 person team to upgrade the report server from 3.1 to 4.0. Implemented first reports at RMIC to use stored procedures as a datasource.

Dec99-Aug00   MCI WorldCom
- Participant on an off-site Actuate, C++, Corba project. Telecommuting with a division located in Portland, OR. Developed approximately 24 Actuate reports that are using a flat file as a datastream. Various C++ objects produce this flat file. There are factory objects which instantiate a specific Extractor object based upon which report is going to be produced. The Extractor object will perform the database queries. The Creator Object on the other side of Corba obtains an object reference from the NameService and accesses the data in the Extractor Object. It then writes the flat file out and calls the Actuate API's to generate the report.

Sep99-Feb00   AT&T
- Participating on an AT&T Integrated Billing System Development Project. Created Actuate Reports that became AT&T bills to their corporate clients. These bills reside on the Actuate Report Server. A PowerBuilder application executes these bills via Actuate API's. The reports had a data source of Oracle and in many case are nested with detail reports residing inside summary reports which reside in remittance reports. These reports use an Actuate functionality referred to as Report Bursting

Apr99-Sep99   United Guaranty
- Worked with United Guaranty on a Visual Basic/Oracle Project. Upgraded applications to include advanced features that were not originally incorporated. Class modules and Interfaces were used to utilize the benefits of polymorphism. Generic interfaces were broken off into a library so that all future projects will be able to benefit from the reusability of this sort of technology. Worked with Visual Café to modify Java servlets as needed. The servlets performed processing on data held within an Oracle database. Oracle native java drivers were used.

Feb99-May99   Maxim Group
- Participated with Bell South on an Actuate Project. The job centered on the complete configuration of Actuate's Web Agent and Report Server. Provide technical knowledge of the product for which implementation decisions were made. Assisted others with Actuate Report design questions along with designing reports. The implementation process included my design of an ActiveX component that replaced the standard Actuate parameter window with a more dynamic window that has drop down boxes, check boxes, list boxes along with text boxes.
- Functioned as a member of a small programming team of three. Participated in developing a Civil Engineering tool to simplify many Engineering tasks. A highly math oriented project due to the analization of topologies. The project design strictly adhered to object oriented programming by utilizing class modules and collections of those classes. The product has the flexibility of attaching to numerous back ends. This requires the SQL to be extremely portable across database platforms. ActiveX Data Objects along with Data Access Objects were used to utilize the best functionality of both worlds. Numerous API calls were used for their advanced graphical ability.

Dec97-Feb99   Wachovia Bank

Currently working an open-ended part time Contract inside Wachovia Bank Of Winston-Salem.

- The jobs first project centered on MS Access and an Oracle database, which houses the transaction information for Wachovia Employees Corporate and Purchase Visa Cards. I used Visual Basic to create a front end interface to simplify the end users ability to access data giving the ability to track the delinquencies of expense reimbursement forms, abusive spending trends and numerous other report functions. The interface was originally constructed using DAO, which passed SQL queries to the back-end. It has now migrated to the ADO model, which passes many correlated nested sub-queries to the back-end. It has the ability to write-off charge amounts to the mainframe system via an export to a flat file, which can be imported through a mainframe upload. Java Server Pages was used along with Java servlets to create an Intranet Web Site that AP users could use to access Account Information. Oracle native Java drivers along with jdbc drivers were used for the database connectivity.
- The second project was to automate the management of employees of banks that Wachovia might purchase. Prior to the program source bank employees would be manually tracked and changes in the Job Titles, pay or numerous other items would occur via reports from HR. These reports would be handed down to Payroll at which time Payroll would go on to the mainframe system and key these changes. The automation process now occurs at the business management level. HR exports a spreadsheet to that business unit. The manager makes necessary changes and e-mails them back to HR. HR reviews and upon agreement to the changes feeds them back into my VB system. The system is later offloaded, loading all changes into the Payroll system.

Nov98-Feb99   Benchmark Technical Services

Traveled to various client sites to support the Actuate Reporting Software. The Software is an enterprise-reporting tool that has the ability to attach to numerous types of backends (ie: Oracle, SQL Server, Sybase, etc). The programming language behind the reports is VB 3.0.

- Developed report distribution models and wrote numerous SP's mainly in Sybase.
- Supported the entire Actuate Software including the Report Server, Developer Workbench, Web-Agent, End-User Desktop and the Administrator Desktop.
- Instructed an Actuate class at MCI WorldCom.
- Introduced to the CORBA (Common Object Request Broker Architecture) environment.

Jun98-Nov98   Wachovia Bank

Participated on another contract within Wachovia Bank on a DTRI (Distributed Technology Refresh Initiative) Team.

- The job was focused on upgrading software from various platforms to a Windows NT environment in order to standardize throughout the bank. Used Visual Basic with SQL Server as the back end. I wrote numerous stored procedures using local temp tables, global temp tables, cursors, and variables. The front end also had the ability to call on system SP in order to change things such as a users password. The front end utilized API calls to do things such as extract NT security ID's or to create registry keys. The primary purpose of the application was to identify application conflicts, track them through their lifecycle and resolve them with the flexibility that if the same conflict appeared within another business unit inside the bank the resolution would automatically apply itself.

Nov97-Dec97   Novartis Corporation

Worked a 4-Week Contract inside Novartis Corporation as a Microsoft Mail Administrator.

- The job worked around a Windows NT system with responsibility for the setup and support of users throughout the United States and Canada. An Oracle database is the backbone of the RDDB with the front-end interface KEA.

Jan97-Oct97   Lowe's Companies Incorporated; Systems Specialist

- Job Responsibilities include LAN System Administration, Batch file creation, Researching Databases when suspected errors have occurred during transaction processing. The job was based around a Platinum Accounting System and the troubleshooting of the system. MS Access, Xtrieve and Visual Basic were used as tools to simplify many of the Accounting tasks necessary within the department. File DDF creation and modifications were necessary periodically with the Btrieve Database. Visual Basic applications were written to streamline many business needs. Worked with Accounts Payable, Purchase Order, Inventory, Accounts Receivable and Work Order Modules.

EDUCATION

Various Schools – Approximately 50 Semesters Hours in Computer Engineering with a 3.95 GPA
Microsoft Certified Professional – VB6.0 Desktop Applications

COMPUTER SKILLS

Visual Basic	Type 85 wpm	MS Office Suite
SQL Server	Actuate/BIRT Software	JavaScript
SQL	C#.Net	VB.Net
MVC	Oracle	Maximo/BIRT
SAP Callidus Config	Business Objects	Crystal