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Del Gaddie

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| Experience |  | Senior DeveloPer, Payliance April 2017   * Worked on the Payliance Merchant Portal (web application). The work has been throughout the stack, including database query development, API maintenance, and single-page application maintenance. * Worked on SQL Server query optimization and ETL process development for a number of job processes. * Reworked and tuned stored procedures and views to optimize performance, including one process that reduced average run-time from 15 seconds for a single parameterized result set to less than 1 second. * Worked on state machines for automating legacy ‘thick client’ processes. * Developed F#-based canopy tests for web page automated testing.   *[C#, Classic ASP, Visual Studio 2017, F#, Microsoft SQL Server 2016, Knockout.JS]* Senior Consultant, Information Control Corporation (ICC) May 2011 – April 2017  Role: Full-stack developer  Engagement: ***Ohio Department of Developmental Disabilities (Ohio DODD)***   * Designed, developed and implemented the Entitlements Management System (EMS) software suite. This is an enterprise level AD-LDS directory, web application and WCF web service suite that allows a separately managed ‘coarse-grain’ and ‘fine-grain’ authorization schema to communicate via a common interface. It is used by DODD to manage all application access and allows an update path for claims-enabling future applications. With this process, the Tier 2 Help Support could substantially reduce the time and paperwork required to ‘onboard’ new employees. As the process extended to the full DODD environment, it also allows the end user to manage application and contract access.   *[C#, VB.NET, ASP.NET, WCF, ADLDS, Microsoft FIM, SQL Server 2008-2012, XPath, LDAP]*   * Performed as an MS FIM Sync Management Agent developer and administrator. Duties included database environment and management agent (MA) development in a mixed C# / VB.NET environment and database schema / application development.   *[FIM, C#, VB.NET, SQL Server, ADLDS, XPath, LDAP]* * Designed and implemented the Classic Application Redirect System (CARS) web process. This process allowed DODD to leverage Microsoft ADFS ‘claims’ to manage access to existing SQL Server security schema, consisting of unique GUIDs stored in a SQL table structure. With this process, applications would not require immediate update to the EMS infrastructure, and legacy applications would not in themselves need to be updated to handle claims directly.  *[C#, VB.NET, SQL Server, ADLDS, LDAP]* * Created a streamlined user registration web application for FIM user access. The application used XPath queries to the MS FIM Portal environment to retrieve and store relevant access data. This application was in response to the previous version of the registration tool, which relied on an independent static file generation process. By pulling XPath data directly, it was possible to reduce the average user experience in site usage from an excess of ten minutes to less than two minutes on average.  *[FIM, C#, VB.NET, SQL Server, ADLDS, XPath]* * Created a methodology (and eventually, a public facing interface) to create and manage entities known as Temporary Access Assignments. With this process, a county approver would be able to override the EMS-managed role assignments and grant a user direct access to a given permission for a set time. This was done to eliminate the paperwork required to have Tier 2 fulfill the request.   *[FIM, C#, VB.NET, SQL Server, ADLDS, XPath]*   * Created a service that allowed DODD to collect test information from the ProProfs.com website and store it into a SharePoint list. In this process, users were vetted and granted CRM rights (via a web service interface) per their score and access level. The process utilized a number of managed steps for collecting data, transforming it into a manageable format for processing, and the actual verification and processing. This was designed as a time and paper saving process, allowing the user to receive certified access within an hour of passing the certification exam (rather than weeks.)  *[FIM, C#, VB.NET, SQL Server, ADLDS, XPath, WCF]* * Designed a methodology to create relationships between different objects in an LDAP data storage. The concept, known as Dot.Notation, provides a methodology for querying and joining different LDAP objects in a single schema. Generally, it is not possible to do object joins in an Active Directory unless the individual objects are brought to a middle process layer and combined there. Dot.Notation allows LDAP queries to be more general in their query set so that the resulting objects can be managed together as a single set.  *[C#, ADLDS, LDAP]*  (As an Independent Consultant) August 2014 – January 2016  Role: Middle/back tier developer  ***Client: State of Ohio (***[***http://www.measures.workforce.ohio.gov/***](http://www.measures.workforce.ohio.gov/)***) via third party***   * Designed and developed the Ohio Workforce website SQL Server data stores, processes and WCF management processes. The assignment was designed to allow the state to consume pre-canned reports based on datasets predefined by the state. The solution involved creating a WCF service capable of generating both data feeds and predefined reports that could be consumed via WCF web services.  *[C#, SQL Server, WCF, ASP.NET]*  Senior Systems Consultant, Ohio State University Medical Center (OSUMC) Role: Full-stack developer  August 2007 – May 2011   * Primary responsibilities included web application development on the .NET framework against Oracle and SQL Server databases. Secondary responsibilities include application database administration duties. * Worked as the Application DBA for the Web Services team. Responsibilities for this role include query support and group liaison to the system database team.   *[SQL Server, T-SQL]*   * Assisted in ‘decoding’ Crystal Reports documents for the Equipments Management team. I was able to do this given my prior experience with BusinessObjects as an administrator and developer.   *[Crystal Reports, BusinessObjects 5i]*   * Redesigned the hospital staff Influenza Vaccination web application and database collection process. Added the ability to track various states of an employee’s vaccination status and robust reporting. Increased the response speed of the application for medical staff deploying vaccine, and added a mechanism to allow users to apply for self-exemption.   *[C#, SQL Server, ASP.NET, Erwin]*   * Designed and developed an internally-based ETL database of hospital employees derived from separate existing systems. The existing user data was made up of multiple disjointed datasets. This project combined collected business logic into a set of queries to efficiently load a new user database.   *[C#, SQL Server, T-SQL]*   * Developed an application to auto-generate SQL Server scripts for building table triggers and corresponding audit tables. The application would derive indexes from the selected table, as well as create a list of tables that had existing triggers.   *[C#, SQL Server, T-SQL]*   * Created a standard test API and accompanying database for the Visual Studio Web Test platform. This allowed for extended analysis of test results, primarily for web applications.   *[C#, SQL Server, Visual Studio 2010 Testing]* Senior Consultant, Sogeti USA, LLC (Formerly SARK) May 2005 – October 2007 *[HTML, ASP Classic, ASP.NET, C# / VB.NET, Javascript, CSS, Selena Collage, Macromedia Dreamweaver]*Software Engineer, HTP Inc March 2004 – May 2005 *[Javascript, ASP Classic, SQL Server 2000 / MTS, HTML, VB.NET]*BusinessObjects Developer III, American Electric Power February 2004 – February 2005 *[Javascript, ASP Classic, SQL Server 2000, HTML, VB.NET, BusinessObjects 5i, WebIntelligence 5i SDK]*Systems Analyst, Alliance Data Systems December 1999 – February 2004 *[Javascript, ASP Classic, MS ACCESS, HTML, BusinessObjects 5i, WebIntelligence 5i, Informix, Unix, Korn shell scripting, Visual Basic 5/6, ActiveX]* |
| Education |  | Bachelor of Science in Digital Communications (Web Development)  Franklin University (2006) |
| AWARDS |  | Honorary Mention (EMS Design + CARS Design)  Ohio Department of Developmental Disabilities  2014 CSO40 Magazine Security Confab + Awards. |