

Career Summary

Infrastructure Architect; M.E.A.N stack developer; Golang Developer; API Developer; MSSQL DBA; Technology Evangelist; Automation Specialist; AI Enthusiast

Work Experience

Nationwide Insurance

Consultant - Project Architect (11/20/17 - Current)

- Cloud infrastructure implementations in AWS
 - Created 'A Tactical Guide To Preparing For Cloud'
 - Implemented a Github Pages 'Cloud On-Boarding' site ... a 'One Stop Shop' for all things cloud
 - This includes sections dedication to:
 - Cloud On-Boarding
 - Architectural design patterns
 - How To(s)
 - Common Problems
 - Architected and coded a serverless Github bot using AWS Lambda and Github Pages
 - Architected and coded an AWS-Federator enterprise tool in Golang
 - The tool gets the AWS secrets keys for federated users
 - Architected and coded a secondary ID password retrieval tool for the enterprise in Golang
 - In order to log into the AWS console a secondary ID must be utilized and the process was very manual
 - The tool I created allows a user via command-line to retrieve the password making automation possible
 - Built CloudFormation templates for general use by the enterprise
- Member of the 2018/2019 eCIO Enterprise Associates Advisory Group
- Member of the 2018/2019 CIO IT Infrastructure Associates Advisory Group
- Member of the 2018/2019 ASDm [Accelerated Solution Delivery Methodology] team
- Member of the 2018/2019 Architectural Curriculum Team
 - Leader of Decentralized learning
- Member of the 2018/2019 DevOps Leadership Team

Consultant - Engineering (1/1/15 - 11/20/17)

- Database Services
 - Automation Engineer
 - Creator, developer, and architect of SPARTAN
 - Coding in Node.JS, Python, PowerShell and other scripting languages
 - Experience with GIT and other repo systems
 - Experience with Chef and DSC
 - Experience implementing and using Continuous Integration and Continuous Delivery concepts and tools such as Github, Jenkins, and DSC
- Outstanding Contributor Award [OCA] Winner
 - 2017 - Q1
 - 2017 - Q2
- Was part of a team that helped implement the NGI booth at ITX

Consultant - Run Operations (7/21/14 - 1/1/15)

- Implement and manage automation projects
- Coordinate and assist the on-boarding process of new contractors
- Code implementation and management
- Peer code reviews
- Member of a team that helped implement new SQL billing schema for 2016
- Implemented and coded an automated build process for SQL AlwaysOn
- Implemented and coded a meta-data process for statistical analysis of SQL server performance data
- Implemented and coded an automated build process for Guardium GIM deployment
- Implemented and coded a process to determine if a database belongs in the "shared" environment as well as an eviction process

Matthew Haines

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Dedicated Technologies, Inc

Consultant-SQL DBA 12/01/2013 - 07/21/2014

- DTI is an Information Technology consulting firm that provides outstanding technical services to our clients Assigned to Nationwide I&O SQL DBA Team
- 24/7 On-Call Duties Develop and implement an automated solution for the following:
- Scripted Powershell Automated Deployment for SQL Server MSSQL Service is Down monitoring service
- Disk monitoring and disk space report for all MSSQL Servers
- 'Easy button, one-click' solution for the SQL DBA Team to execute the SQL 2008 security template
- Complete end-to-end process with an ETL method for the NAA Golf League
- Procedure based disk monitoring service per instance
- Re-code the 2008 SQL IRM Security Template
- Implemented the 2012 SQL Server Security Template in its entirety Provide an
- Automated solution by completely overhauling the 'Monday Morning Process' in order to comply with the IIQ/IRM SQL ID management and administration effort
- DTI Conduct candidate interviews for technical proficiency
- Member of the Leadership PODD;

Nationwide Energy Partners

SQL DBA and Developer 07/01/2013 - 12/01/2013

- Provider of integrated energy services for residents, property managers, and developers of residential communities
- 24/7 On-Call Duties Designed and implemented business logic through T-SQL code Implemented and coded an 'Every Meter Every Day' method increasing meter read rates by 95 percent.
- Managed SQL Database on virtual server and physical servers SSRS
- SSIS Development SSAS cube analysis models increasing prediction and metering accuracy by 75 percent
- MSSQL Performance Tuning Created and implemented test harness packages

Manley Deas Kochalski LLC

Senior Database Administrator and Developer 05/01/2012 - 07/01/2013

- MDK provides a full complement of default litigation and related services to its financial institution clients in the states of Ohio, Kentucky, Indiana and Illinois. Established database guidelines for administration and development;
- Served as a project manager and project architect on all IT initiatives
- IT budget and planning committee;
- Managed offshore database development;
- Application database support and database infrastructure administration and architecture MSSQL, SSRS and SSIS development and implementation MSSQL Performance Tuning;
- 24/7 on-call support;
- Created and implemented test harness packages
- People leader

Columbus Bureau of Credit Columbus

Database Administrator and Developer 02/01/2011 - 05/01/2012

- Provides risk management solutions to customers in the business, government and nonprofit sectors which include: verification services, credit reporting services, collection services, property services and commercial services.
- Served as lead DBA and junior architect during transition of all databases from an acquired company merger; Served as the lead T-SQL developer;
- Application database administration and database infrastructure administration;
- SSRS and SSIS development;
- MSSQL performance tuning;
- Developed and implemented a SQL unified monitoring system;
- 24/7 On-call support

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Travis Central Appraisal District

Database Analyst 08/01/2010 - 02/01/2011

- Performs property tax assessment for Travis County, Texas. There are approximately 500,000 personal property residents in Travis County. TCAD assesses property taxes for business as well as state buildings located in Travis County
- Converted 250 Excel reports to SQL stored procedure SSRS reports increasing efficiency by 75 percent [performance and time of execution]
- Analyzed current database structures/procedures and made improvements increasing database efficiency 40 percent [performance and time of execution]
- Updated frequently used reports to ensure timely execution resulting in a 90 percent improvement in speed
- Created internal capabilities to convert from outside vendor mailing to internal mailings;
- SQL Reporting Services implementation(SSRS)
- Log shipping, database replication, database mirroring coding and implementation;
- Worked with a massive database; 3,000 tables, 4,000 stored procedures, and over a Terabyte of data for a single database
- Created custom stored procedures to perform analysis of data upstream and downstream;
- Developed custom reporting stored procedures to produce reports for management and budget committees
- Produced recommendation reports for management and planning based on the information gained from performing analysis of the database and the business practices (how to increase performance, increase efficiency, data integrity, and data security)

ScanData Systems, Inc

Logistician and Database Administrator 01/01/2006 - 07/01/2010

- Produces logistical software for large volume shipper's country wide. ScanData also consults for large volume shippers giving advice about how to increase supply chain efficiencies
- Main clients included:
 - o The Limited Brands, Inc.
 - o The Department of Defense [Army Records Management and Declassification Agency]
- Secondary clients included: CVS/Caremark, Scholastic Books, QVC;
- Plan and execute the analysis, inspection, and testing of products to assure high product quality and support software release readiness;
- 24/7 On-call support Plan;
- Coordinated and installed application software and hardware for operating systems;
- Developed complete technical solutions and provided solid justification for technical decisions;
- Carrier Compliance contact ensuring that any new shipping standards are reflected in shipping software, labels, and in current customer shipping systems;
- Database administration and SQL Server development; Worked with various large volume clients shipping over 500,000 shipments a week Created custom reporting stored procedures to produce reports for management and budget committees
- Found rating error in USPS algorithms which eventually lead to an Act of Congress changing the rates. Saved the U.S Taxpayer \$500,000

The Ohio State University

Instructor 01/01/2003 - 01/01/2004

- Physical Anthropology
- Cultural Anthropology

Weller & Associates

Principal Investigator 01/01/2001 - 01/01/2006

- Supervise archaeological field crews and conduct extensive archaeological fieldwork and analysis;
- Complete comprehensive survey, testing, and data recovery projects

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The United States Senate

Intern then page 01/01/1995

- Intern/Page: 503 Hart Senate Office Building Washington D.C.
 - Interned for the U.S. Senator from Maryland, Barbara Mikulski
 - Attending hearings
 - Writing issue briefs
 - Acquiring research materials for the legislative staff
 - Clerical duties

Education

The Ohio State University

Bachelor of Arts - 2001

- Majors
 - Anthropology
 - Criminology
- Minors
 - Sociology

The Ohio State University

Master of Arts - 2004

- Specialization: Anthropology
 - [Physical Anthropology] Genetics and Osteology

Associations

Member - SQLPass

Member - DevOpsDaysOhio

Publications

-Dental Deformation

- Agency: The U.S. Air Force
 - Internal paper utilized for instruction ... this is not an open publication
- [classified]

Open Source Projects

- I have contributed to each of these open source projects in one-way shape or form
 - dbaTools [<https://dbatools.io/>]
 - xSQLServer [<https://github.com/PowerShell/xSQLServer>]
 - Powershell [<https://github.com/PowerShell/PowerShell>]
 - ImportExcel [<https://github.com/dfinke/ImportExcel>]