

Gregory J. DeCecco
Systems Engineer, Solutions Architect, & Automation Specialist
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QUALIFICATION HIGHLIGHTS

- Process Automation Engineering
- Windows Systems Administrator
- Database Architect and Administrator
- Auditing and Reporting
- Technical and Process Writer
- Systems Performance Analysis
- Automated Data Collection

TECHNICAL EXPERTISE

- Self-motivated and adaptable
- Goal and learning oriented
- Able to think through a process or workflow, human or automated, and identify the stress points
- Understands how process automation fits into the goals of the business
- 20+ years total experience as a Windows System Administrator
- 15+ years total experience with process automation primarily using PowerShell
- Experience crafting SQL Stored Procedures with data validation to ensure consistency and integrity of tables
- Experience performing extract, transform, and loads across different applications and data sources including JSON, XML, OData, REST, and SQL databases

WRITING SAMPLES

- Technical writing sample #1: <https://hackaday.io/project/177892-supermicro-to-atx-power-supply-adapter>
- Technical writing sample #2: <https://hackaday.io/project/177933-pc-140mm-air-filter>
- PowerShell writing sample: https://github.com/Turranx/PowerShell_Stopwatch
- Non-technical writing sample: Available upon request

PERSONALITY HIGHLIGHTS

- Prefer independence, but encourage teamwork
- Genuinely celebrate others achievements and contributions
- Enneagram Type 8
- DiSC Profile "CD"

PROFESSIONAL EXPERIENCE

Solutions Architect February 2020 to Present

CenterGrid, Hamilton, OH
Managed services provider and IT consulting

- Wrote and taught process documents to the Engineers
- Architected and built large portions of a VMware Horizon Desktop-as-a-Service environment using NVIDIA GPUs
- Assessed and coached CenterGrid Engineers on how to write better PowerShell code
- Worked on automation of NinjaRMM, a cloud-based remote management utility
- Worked numerous on-premises Active Directory repairs for various clients
- Architected and implemented an AD domain renaming project for an Ohio library district
- Architected and documented DUO MFA integration with VMware UAGs and with on-premises AD
- Directed the XM Cyber security service offered by CenterGrid for over a year
- Evaluated several software and occasionally hardware products for inclusion into our private cloud offering
- JetStream, SyncThing, OpenStack, VergeIO, Proxmox, NoMachine, Parsec, Storage Spaces, Storage Spaces Direct, ZFS, GRAID

Automation Engineer January 2018 to January 2020

Logicalis, West Chester, OH
Global IT solutions and managed services

- Automated deployment of Azure infrastructure, VMs, and software installation using PowerShell
- Wrote Azure Automation Account workbooks to monitor resources for metadata tag changes and forward those events to another service for event processing
- Wrote a data collection script and report to show aging user accounts and at-risk user accounts for local server, on-premises Active Directory, and Azure Active Directory
- Wrote a PowerShell module to secure credentials using the Windows Data Protection API
- Wrote numerous workflows and workflow components to extract data, create reports, automate a process, and more, all with the goal of removing reliance on a human
 - Data sources, sinks, and components to be controlled include:
 - Tenable's Nessus vulnerability scanner
 - Veeam Backup software
 - Cisco's UCS Director
 - VMware's vSphere
 - Microsoft Exchange Online
 - Microsoft Azure Active Directory
 - Microsoft On-premises Active Directory
 - Microsoft Azure Event Grid
 - Microsoft Azure Graph API
 - Microsoft SQL Server
 - ServiceNow IT Service Management
 - Manage Engine's Password Manager Pro
 - CA Unified Infrastructure Management (CA UIM) and Nimsoft

Cloud Automation Engineer
March 2016 to December 2018

Great American Insurance Company, Cincinnati, OH
Insurance provider

- Built the automation foundation for Great American's private cloud infrastructure
- Reduced delivery time of new, production-ready VMs from days to hours
- Improved client's morale through increased VM build consistency
- Engineered automation workflows to...
 - Reduce human errors
 - Automated VM deployment on VMware's vSphere platform using vRealize Orchestrator (vRO)
 - In-depth input validation and environment verification
 - Automated workflow testing to catch errors before release
 - Reduce employee workload
 - Reconfigure resources, hardware, and IP networking of VMs
 - Deploy additional software packages to VMs
 - Audit VMs after build process is complete
 - Better utilize existing resources
 - Intelligent VM placement during deployment to reduce DRS VM shuffle (vMotion)
 - Intelligent storage selection to avoid overtaxing a single datastore
 - Expand capabilities of existing resources
 - Tightly coupled PowerShell scripts to the unique requirements of vRO workflows so both may act as a cohesive unit
 - Taught vRO to read Load Balancer pools in ServiceNow CMDB and automatically generate anti-affinity rules for high-availability
- Brought visibility and reporting into processes that were previously unmonitored
 - Automatically export all vRO content into GitLab for auditing and source code control
 - Wrote documentation for new procedures
 - Wrote how-to documents, examples, and code templates for working with vRO

Process Automation Engineer, ETL Integration Developer, & SQL DBA
April 2014 to November 2015

Accenture, Cincinnati, OH
Management consulting, technology services, and outsourcing

- SQL Server DBA and Windows Administrator
- 5+ years total experience with virtualization technologies: VMware vCenter, ESXi, Proxmox, MS Hyper-V, and SCVMM
- Expertise crafting ETL processes and Business Intelligence using PowerShell and T-SQL against systems like VMware vCenter/vSphere, EMC Symmetrix VMAX, EMC XtremIO, Active Directory, Microsoft Project Server, EMC Data Protection Advisor v6, and various Windows Server subsystems
- Wrote documentation for administrator-level how-tos or labs, user-level how-tos for new products or procedures, and change request work plans
- Custom Report Creation
- Experience automating Excel spreadsheets for data inserts, extractions, and formatting
- Created time-saving, custom, purpose-built tools for other system admins to use
- Created situation-driven reports quickly during incidents and infrastructure outages
- Automated Xymon, the open-source monitoring tool across 600+ servers and numerous clients by tying into our in-house CMDB database
- Some experience using and debugging SSIS against XML and Excel data sources
- Some experience in the design and implementation of database Row Level Security
- Some experience with OData, Entity Framework, and REST

**Process Improvement Analyst, SQL DBA,
SharePoint Administrator, & Windows Administrator**
June 2010 to April 2014

Accenture, Cincinnati, OH
Management consulting, technology services, and
outsourcing

- SharePoint 2010 architecture and administration, including Office Web Apps and PowerPivot
- 5 years total experience in the Design, Modeling, Development, Implementation and Support of databases within SQL Server
- Expertise writing T-SQL Queries, Dynamic-queries, sub-queries and complex joins for generating complex Stored Procedures, User-defined Functions, and Views against 40+ million row tables
- Custom script creation for audit data gathering and database design/implementation to support the Continuous Improvement Process
- Created and automated reports for licensing, SSAE16 audits, and client billing using text files, emails, PDFs, Excel and SharePoint as delivery methods
- Created a custom script to analyze IP traffic and generate suggested firewall rules between related services in a multi-tier application
- Experience running projects to evaluate and compare enterprise-class software product offerings in multi-client, multi-domain environments
- Worked with clients to turn their business needs into a detailed request for a tool or report

Network & Systems Administrator
May 2003 to January 2010

MJW Corporation Inc. / MJW Technical Services Inc., Amherst, NY
Radiological consulting services provider and emergency management planning and
response

- Windows domain administrator using Active Directory, Group Policy, DNS, DHCP, IIS, Exchange, and WSUS
- Windows system administrator using Dell servers
- Network architect and administrator of a multi-site environment using Dell and Cisco managed switches and routers, Checkpoint firewalls and VLANs
- Scripted process automation
- Desktop support

Volunteer Network & Systems Administrator
February 2008 to February 2011

Cincinnati Computer Cooperative
Cincinnati's largest computer recycler and refurbisher

- Windows domain administrator using Active Directory, Group Policy, DNS, DHCP, IIS, and WSUS
- Windows system administrator using HP servers
- Network architect and administrator using Cisco managed switches, and Microsoft ISA 2006 firewall for caching, proxy translation, and internal routing
- SharePoint 3.0 Architect and Administrator
- Scripted process automation
- Desktop support

EDUCATION

- SUNY Institute of Technology at Utica/Rome, Utica, NY
Bachelor of Science, Computer Engineering Technology
Upper-division university
December 2001, 3.82 GPA
- Onondaga Community College, Syracuse, NY
56 semester hours of course work in Computer Science
Lower-division college
May 1999, 3.11 GPA

AWARDS AND CERTIFICATIONS



Eagle Scout
Troop 60, Warners NY
March 10th 1997



VMTraining
VMware ESX/ESXi 4.0



SQL Server 2008
Windows Server 2008
70-746 & 70-432



ITIL V3 Foundations
Certified