#### SUMMARY OF QUALIFICATIONS

* [**AWS SAA (Certified Solutions Architect - Associate)**](https://www.certmetrics.com/amazon/public/badge.aspx?i=1&t=c&d=2019-07-12&ci=AWS00878148)
* Generalist inspired by DevOps principles, practices, culture, cloud and tools.
* Twenty nine years of dev and ops support roles in very large, production environments
* Cloud Infrastructure and OSS Solution Architect replacing and integrating legacy stacks.
* Zabbix 3.0 Certified: Specialist and Professional
* Linux and Unix maven (most flavors), IBM eServer Certified Specialist pSeries AIX
* Creative idea generator, excellent communicator with technical leadership and soft skills

#### CLOUD, ERP, CRM, OPERATING SYSTEMS, DATABASES

* Cloud: Amazon Web Services (CSAA), GCP
* IaC: Ansible/Tower, CloudFormation, RunDeck, Jenkins, Git, GitLab
* Monitoring: CloudWatch, Zabbix, Prometheus, Grafana 5.x, IBM legacy stacks
* Linux: RHEL6-8.x, Amazon Linux 2, Ubuntu, SUSE 9-11, zLinux
* HA: Auto Scaling, Pacemaker/Corosync, MariaDB: 10.X Multi-Master replication/clustering
* WebOps: Apache, NGINX, IHS, IIS, NCSA
* Containers: Docker Swarm, k8s (learning)
* Reporting: Grafana 5.x, Graphite, Cognos 8-10.2, BIRT, Business Objects, SSRS
* Logging: ELK, Splunk
* ERP: SAP R/3 2.X-4.6C Basis Support with BW and Solution Manager
* CRM: Siebel Call Center/Marketing: 7.0.4 EAI, EIM Actuate
* Storage: S3, EBS, EFS, NetApp, Commvault, NFS, AFS, DFS, GPFS
* IDE/ISE: Eclipse, PyCharm, MS PS ISE
* DBA/RDBMS:RDS*, MariaDB, MySQL,* Db2, Oracle, SQL Server, BI, DW
* NoSQL: MongoDB, DynamoDB
* Service Discovery: Consul, Cloud Map
* Virtualization: VMWare, Xen, zLinux, and VirtualBox, AIX LPARs
* UNIX: AIX 4.3-7.2, HP/UX 11, Solaris 2.X-11

#### PROGRAMMING and Scripting LANGUAGES

* Scripting: Korn, Bash, PERL, PowerShell
* Languages: Python, Go
* YAML, JSON,HTML, JS
* APIs: REST, Zabbix, ServiceNow, AWS API Gateway

#### PROFESSIONAL EXPERIENCE

February 2015-April 2019 NY State Office of Information Technology Services CTO (Innovation Lab)

Open Source Platform Architect and Zabbix/Prometheus Infrastructure SME

* Design, deploy, and upgrade large Zabbix 3.x/4.x Infrastructures (dev/prod) on RHEL 7.x.
* Replaced a IBM ITM Tivoli legacy multi-platform infrastructure on (3500+) with scalable virtualized Zabbix infrastructure (2K+NVPS). It saved the organization ~$1M. Deploy Prometheus environments and Alertmanager for meta-monitoring and better prod visibility.
* Grafana Infrastructures for visibility/*information radiators* and scaled out DBs with MariaDB multi-master replication. Automated these and maintenance tasks with Ansible.
* Pacemaker/Corosync create automation and monitoring for this and stacks above

February 2005-2015 NY State OFT / Office of Information Technology Services

Technical Architect: Performance and Capacity Planning/Infrastructure Architecture

* Build and maintain IBM ITM infrastructures 6.0-6.3.3. Legacy whisperer.
* DB2 support/DB2 DB Migration/Tivoli Data Warehouse, ITCAM, Cognos
* Diagnose and troubleshoot application performance issues in the NYS infrastructure. Maintain visualization and reporting tools.
* Architecture, implementation and support of legacy Tivoli ITM 6.1-6.3.3 stack.

June 2004-September 2005 *Endicott Interconnect, Endicott, New York*

Consultant SAP Basis Administrator / DB2 and AIX Sr. Admin

* Basis support of R/3 and BW landscapes
* BSI TaxFactory automation for TUB updates and support
* Knowledge transfer for new SAP Basis Consultant
* Installs/Upgrades, Kernel Patches/Hotpacks, OSS/SapNet, Client Admin, Performance Monitoring/CCMS, Batch/Spool, EarlyWatch, Corrections/STMS, SAPGUI
* Help the client transition to SAP archiving

#### EDUCATION

1985-1989 State University of New York College at Purchase

*Bachelor of Arts in Sociology, Graduated with Honors.*

1989-1990 State University of New York College at Purchase

*SUNY-Purchase Music Conservatory: Major in Studio production (classical theory, jazz composition, and solfege)*