#### 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 culture, principles, practices, cloud and tools
* 15+ years of ops and dev support roles in large production environments
* Cloud Infrastructure and OSS Solution Architect
* Zabbix 3.0 Certified: Specialist and Professional
* Linux and Unix maven (most flavors)
* Solution generator, excellent communicator with technical leadership and soft skills

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

* Cloud: Amazon Web Services (SAA), GCP (learning), Azure (learning)
* Container Runtime/Orchestration: Docker/Docker Swarm, Kubernetes
* IaC: Ansible/Tower, CloudFormation, RunDeck, Jenkins, Git, GitLab
* Monitoring: Prometheus, CloudWatch, Zabbix, Legacy stacks
* Linux: RHEL6-8.x/CentOS, Amazon Linux 2, Ubuntu, SUSE 9-11, zLinux
* HA: Auto Scaling, Pacemaker/Corosync, MariaDB: 10.X Multi-Master replication
* WebOps: HAProxy, Apache, nginx, IHS
* DBA/RDBMS:RDS*, MariaDB, MySQL,* DB2, Oracle, SQL Server, BI and DW
* Reporting: Grafana, Graphite, Cognos, BIRT, Business Objects, SSRS, Actuate
* 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, Messaging
* Storage: S3, EBS, EFS, NetApp, Commvault, NFS, AFS, DFS, GPFS
* IDE/ISE: Eclipse, PyCharm, MS PS ISE
* Data Stores/NoSQL: Etcd, MongoDB, DynamoDB
* Service Discovery: Consul, Cloud Map
* 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 (learning)
* YAML, JSON, HTML, JS
* APIs: Zabbix, REST, ServiceNow, AWS API Gateway

#### PROFESSIONAL EXPERIENCE

February 2015 - April 2019 NYS ITS - CTO

**Open Source Solutions Architect & Zabbix/Prometheus Infrastructure SME**

* Design, deploy, migrate large Zabbix 3.x/4.x (dev/prod) on RHEL 7.x.
* Replaced a legacy multi-platform monitoring infrastructure on (3500+) with a well-designed scalable Zabbix infrastructure (2K+NVPS), saving ~$1M
* Automation of team maintenance tasks with Ansible
* Deploy Docker Swarm & Dockerize application stand ups for dev.
* GitLab for team code depots
* Deploy Prometheus and Alertmanager for meta-monitoring and visibility. Grafana Infrastructures for visibility/*information radiators*

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

**Technical Architect: Performance & Capacity Planning/Infrastructure Architecture**

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

#### EDUCATION

State University of New York College at Purchase

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

State University of New York College at Purchase

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