Michael G. Colletti
Enterprise Infrastructure & Cloud Solutions Architect
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(845) 675-0184
@devnullid

SUMMARY OF QUALIFICATIONS

- **AWS SAA (Certified Solutions Architect - Associate)**
- Lifelong Learner inspired by DevOps culture, principles, practices, cloud and tools
- 28+ years of ops and dev roles in large production environments
- Infrastructure and OSS Solution Architect
- Zabbix 3.0 Certified: Specialist and Professional
- Solution generator, excellent communicator with technical leadership and soft skills

CLOUD, ERP, CRM, OPERATING SYSTEMS, DATABASES

- Cloud: Amazon Web Services (CSAA), GCP (learning), Azure (learning)
- Containerization/Orchestration: Docker, Swarm, Kubernetes
- Service Mesh: Istio/Envoy/Traefik (learning)
- Serverless: Lambda
- IaC: Ansible, CloudFormation
- SCM/CI/CD: Maven, SVN, Jenkins, Git, GitLab
- Monitoring: Prometheus, CloudWatch, Zabbix, legacy stacks (IBM/MS)
- Linux: RHEL6-8.x/CentOS, Ubuntu, SUSE 9-11, zLinux, and other flavors
- HA: Auto Scaling, Pacemaker/Corosync, MariaDB: 10.X Multi-Master replication
- Trad WebOps: Apache, nginx, IHS
- Load Balancers: ELB, AutoScaling (K8s and AWS), HAProxy
- Ops: Rundeck
- DBA/RDBMS: RDS, *MariaDB, MySQL,* DB2, Oracle, SQL Server, BI and DW
- Logging: ELK
- 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, GlusterFS, NetApp, Commvault, NFS, AFS, DFS, GPFS
- IDE/ISE: Eclipse, PyCharm, MS PS ISE, vim
- Data Stores/NoSQL: etcd, MongoDB, DynamoDB
- Service Discovery: Consul, Cloud Map
- UNIX: AIX 4.3-7.2, HP/UX 11, Solaris 2.X-11
- Reporting: Grafana, Graphite, Cognos, BIRT, Business Objects, SSRS, Actuate

SCRIPTING AND PROGRAMMING LANGUAGES

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

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PROFESSIONAL EXPERIENCE

February 2015 - April 2019 NYS ITS - CTO
Open Source Solutions Architect & Zabbix/Prometheus Infrastructure SME
- Design, deploy, migrate, support 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 repository.
- 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)