



Michael G. Colletti

Woodstock, New York

PROFESSIONAL SUMMARY

Michael is a seasoned Infrastructure Architect with over 28 years of professional experience working with both private & public sector clients. Led complex and diverse IT initiatives with demonstrated history of working across numerous Ops & Dev roles in large production environments. A creative critical thinker who uses sound analysis, imaginative problem solving, and strategic decision making to innovate and streamline IT infrastructure and Ops. Adept at spearheading initiatives that foster DevOps culture, embracing principles, practices, automation and monitoring, leveraging commercial and open-source tools & frameworks. This approach provides agility, operational excellence, accelerated workflows with more team safety and happiness. He has led IaC, containerization/orchestration, monitoring and toil reduction efforts to make things better.

SKILLS

- *Cloud*: Amazon Web Services ([certified](#)), GCP, IBM
- *Container Runtime/Orchestration*: Docker/Docker Swarm, Kubernetes, Helm
- *Serverless*: Lambda, Cloud Run
- *Kubernetes*: GKE, EKS, Cluster admin, Deployments, Operators, Security, Troubleshooting
- *IaC*: Ansible, CloudFormation, Terraform, GCP/AWS/IBM SDKs (gcloud/aws/Boto3/ic)
- *SCM/CI/CD*: Jenkins, Git, GitLab, CodeDeploy, Maven, SVN,
- *Monitoring*: CloudWatch/AWS SSM, Stackdriver, fluentd, Prometheus, Zabbix ([certified](#)), collectd, Legacy stacks
- *Linux*: RHEL6-8.x/CentOS, Ubuntu, SUSE 9-11, zLinux, and other flavors
- *HA*: Auto Scaling, Pacemaker/Corosync, MariaDB: 10.X Multi-Master replication
- *WebOps*: HAProxy, nginx, Apache/IHS
- *Ops*: Rundeck
- *DBA/RDBMS*: RDS, *MariaDB*, *MySQL*, Db2, Oracle, SQL Server, BI and DW
- *Reporting*: Grafana, Graphite, Cognos, BIRT, Business Objects, SSRS, Actuate
- *Logging*: ELK, syslogd, Stackdriver Logging
- *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, GCS, Filestore, CSI, GlusterFS, NetApp, Commvault, NFS, AFS, DFS, GPFS
- *IDE/ISE*: VSCode, GCP Shell Editor, Eclipse, PyCharm, MS PS ISE, vim
- *Data Stores/NoSQL*: etcd, MongoDB, DynamoDB
- *Service Discovery*: Consul, Cloud Map, ServiceNow/ITSM
- *Network*: SNMP and RMON monitoring, VPC, CNI, cloud infra design, Route53, Cloud DNS
- *Windows*: System Admin (MCP),
- *UNIX*: AIX 4.3-7.2 (certified ACP 4/5L), HP/UX 11, Solaris 2.X-11
- *Scripting*: Bash, Korn, PERL, PowerShell
- *Languages*: Python, Go (learning)
- *DSLs*: YAML, JSON, HTML, JS
- *APIs*: AWS API Gateway, GCP Apigee, Zabbix, ServiceNow, Kubernetes, RESTful

PROFESSIONAL EXPERIENCE

Consultant: Cloud and Platform Support, Enterprise Infrastructure and Architecture

April 2000 - Present

Creative Possibilities Inc. Various Clients

Dynax Inc.	BTX Inc	IBM & IBM Global Services	HSBC	Regional Small Biz
Robert Half	MVP	GCOM	The State of New York	St Peter's Health Care
				Troy Web Consulting

Consultant: Open-Source Technical Architect/Expert/Evangelist

July 2018 – April 2019

Creative Possibilities Inc /NYS ITS CTO

- Led project to replace (\$1M/year) legacy multi-platform enterprise monitoring infrastructures (ITM) on (4100+) with a well-designed, scalable Open-Source (Zabbix) infrastructures and improve operational excellence and lower toil/tech debt
- Technical leadership included: research, design, build, validate, test, deploy, monitor, production support
- Relevant skills leveraged on the project: Open-Source (Docker, Git, Zabbix, MariaDB, Prometheus, Grafana, RHEL) exploration of monitoring stacks, making on-prem Ops automated, *safer, less-toilsome and operationally excellent*.
- Additional savings through toil/distraction and operational cost reduction (on-call alerting reduction).

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Consultant: Open-Source Solutions Architect / Enterprise Infrastructure SME

February 2015 – June 2018

Creative Possibilities Inc./NYS ITS CTO

- Architect, build, support, and upgrade all IBM ITM monitoring infrastructures
- Led Performance team finding performance issues in NYS infrastructures and led team application DBA DB2 support/Db2 DB Migration/Tivoli Data Warehouse, Cognos and BIRT for Ops datastores.
- Unix/Linux/Infra/Db2/ITM/Enterprise Architecture
- Sharing and advocating DevOps values (CALMS) and Open-Source tools/solutions/platforms as replacements/supplements for vendor tools and patterns.

Consultant: Performance and Capacity Planning/ Infrastructure

February 2006-February 2014

NY State OFT/ITS

- Led performance team to improve system and application performance issues NYS infrastructures
- Team lead implementation and Support of Tivoli ITM 6.1 and ITM 6.2
- Db2 and application support for Tivoli Data Warehouse and monitoring stack
- Unix/Linux/Infra /ITM/Enterprise Architecture
- Windows: System Admin, assisting/training other engineers and providing performance analysis
- Build Performance Key Indicators/ Standardize Performance criteria and documentation

Consultant SAP Basis Administrator / Db2 and AIX Sr. Admin

June 2005- April 2007

Endicott Interconnect, Endicott, New York

- Basis support of all R/3 and BW landscapes
- Training and knowledge transfer (SAP, AIX, Db2) to new Basis FTE
- Installs/Upgrades, Kernel Patches/Hotpacks, OSS/SAP Marketplace, Client Admin, Monitoring/CCMS, Performance, Batch/Spool, EarlyWatch, Corrections/STMS, SAPGUI, Production Support
- Help the client transition to archiving with ArchiveLink

Consultant: Siebel Administrator: Sr. AIX Consultant/Siebel Admin

July 2001 – March 2004

IBM Global Services, Poughkeepsie, New York

- Infrastructure Architect
- Siebel 6.2.1-7.04 Call Center (AIX) Troubleshooting, Customization, Automation
- Actuate Version (4-5) Administration, LDAP SSO with IBM BluePages
- AIX/UNIX/Db2 consultation, training and performance tuning.
- Development and Implementation of customized scripts and tools



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Consultant: SAP Basis Administrator: SAP Deployment for IBM Global Finance, Server Group

July 2000 – July 2001

IBM Global Services, Poughkeepsie, New York

- SAP R/3 Basis support. 3.x-46.x multiple mission-critical landscapes
- Installs/Upgrades, Kernel Patches/Hotpacks, OSS/SapNet, Client Admin, Monitoring/CCMS, Performance, Batch/Spool, EarlyWatch, Corrections/STMS, SAPGUI
- Intercope FaxPlus integration and support
- AIX/UNIX/Db2 consultation, training and performance tuning.
- IBM Content Manager and CommonStore support

Consultant: Sr. AIX Consultant/Db2 DBA

April 2000 – June 2000

Freetradezone.com / PartMiner.com, New York, New York

- AIX/UNIX/Db2 consultation, training and performance tuning.
- Implementation of development and production DB2 databases
- WebSphere and HIS/Apache 1.3.6

Consultant: SAP Basis Administrator: SAP Deployment for IBM's Worldwide Procurement

August 1998 - August 1999

IBM Global Services, Poughkeepsie, New York

- SAP R/3 Basis support.
- SAP GUI support and tools.
- AIX, Basis and Db2 production migrations, support, troubleshooting and training.

Consultant: AIX and Network Admin

April 1995 - August 1998

ISSC/IBM Global Services, Poughkeepsie, New York

- RS600 AIX support and SNMP monitoring stack (SystemView 6000)
- Tech lead app support for TrendSNMP RMON based product
- Team on-call rotation, GKE, lead projects for monitoring on-boarding, troubleshooting
- Create websites and search index (Altavista) for internal teams to share docs and procedures.

EDUCATION

- Bachelor of Arts in Sociology, Graduated Magna Cum Laude *SUNY Purchase* – 1989

CERTIFICATIONS

- *AWS Certified Solution Architect Associate* - 2019
- *Certified Zabbix Specialist (CS1801-68)* - 2019
- *Certified Zabbix Professional (CP1802-11)* - 2019
- *IBM Certified Specialist (AIX) System Support* - 2000
- *Microsoft MCP* - 1999

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PUBLICATIONS/PRESENTATIONS/CONTRIBUTIONS

- As a consultant and independent contractor this wasn't an option that any signed NDAs would permit.
- I've worked with the DevOpsDays community through the years. Starting in Mountainview (2011) and Austin (2017), I provided backing music (bandleader) for conference participants (open-mic) and started learning DevOps values, principles, and tools along the way.

SOCIAL MEDIA ACTIVITY

- LinkedIn: michaelgcolletti <https://www.linkedin.com/in/michaelgcolletti>
- Twitter: @devnullid: <https://twitter.com/devnullid>