Michael G. Colletti
Enterprise Infrastructure & Cloud Solutions Architect
creative@cpossibilities.com
(845) 675-0184
https://github.com/michaelcolletti/resumes
@devnullid

SUMMARY OF QUALIFICATIONS

- **AWS SAA (Certified Solutions Architect - Associate)**
- Lifelong learner inspired by DevOps culture, principles, practices and tools
- Solid communicator cross-functional team collaborator & Individual Contributor
- Generalist, Ops and Infra-nerd. Enterprise Architect and Monitoring SME
- Extensive experience as sysadmin, systems/technical architect and analyst

CLOUD, CONTAINERS, ERP, CRM, OPERATING SYSTEMS & DATABASES

- Cloud: AWS, GCP, and IBM Cloud
- AWS: Services, VPC design, AWS console and AWS CLI, AWS best practices.
- Containerization/Orchestration: Docker, Docker Swarm, ECS, GCS
- Kubernetes: GKE, EKS
- IaC: CloudFormation, Ansible, Terraform, Public Cloud CLIs (aws/gcloud/ic)
- SCM & CI/CD: Git, GitLab, TravisCI, Jenkins
- Monitoring: Prometheus 2.x, Certified Zabbix Professional), CloudWatch, Stackdriver, IBM ITM
- Tracing and Observability: BPF/bpftrace, tcpdump, Jaeger, DTrace
- Linux: Amazon, RHEL6-8.x/CentOS, Ubuntu 18, SUSE 9-11, zLinux, Slackware other flavors
- HA: Auto Scaling, Pacemaker/Corosync, MariaDB: 10.X Multi-*Primary* replication
- Web: Apache, Nginx, HAProxy, ALB/ELB
- SQL: RDS*, MariaDB, MySQL,* DB2, Oracle, MS SQL Server, BI and DW solutions
- Storage: S3, EBS, EFS, GPD, NetApp, Commvault, NFS, AFS, DFS, GPFS
- NoSQL: MongoDB, DynamoDB
- Reporting: Grafana, Graphite, Legacy (Cognos, BIRT, Business Objects, SSRS, Actuate)
- Other OSes: Solaris, AIX (certified ACP), HP/UX, MacOS

SCRIPTING AND LANGUAGES

- Scripting: BASH, PERL, PowerShell, Korn
- Languages: Python, HTML, JS, MD
- DSLs: YAML, JSON, XML
- APIs: AWS API Gateway, Apigee, Zabbix
- IDE/ISE: VSCode, Eclipse, PyCharm, MSPS, vi
- Compilers: gcc, xlC, cc, c++, make, gmake

Michael G. Colletti
Enterprise Infrastructure & Cloud Solutions Architect

creative@cpossibilities.com
(845) 675-0184
https://github.com/michaelcolletti/resumes
@devnullid

PROFESSIONAL EXPERIENCE

April 2019 – Present
Independent Consultant: Open-Source Solutions Architect / Creative Possibilities Inc.

- Linux/Cloud/Ops/DBA/Docker and k8s training for technical and non-technical staff.
- Consult with clients about IaaS and PaaS, cloud migration from on-prem legacy environments.
- AWS and GCP consultation for companies shifting workload.

February 2015 - April 2019 NYS ITS
Consultant: Open-Source Solutions Architect / Enterprise Infrastructure SME

- Led effort to replace legacy multi-platform monitoring infrastructures on (4100+) with a well-designed scalable Zabbix infrastructures saving ~$1M/year
- Deploy Docker Swarm & *Dockerize* applications for development. Document and train teams
- Led adoption of IaC/GitLab for team code repository and deployments. Led automation of team maintenance tasks with Ansible playbooks. Write testing and monitoring scripts and plays with documentation.
- Led department in adoption of APIs and automating manual work and deleting tech-debt.
- Sharing DevOps values with executive team and guidance/coaching around key concepts.
- Architect, design and deploy/support/migrate large Zabbix 3.x/4.x (dev/prod).
- Lead DBA for all MariaDB infrastructures. Made all systems production-like.
- Designed implement and supported MySQL multi-*primary* replication for production (and dev)
- Automated backups and integrated DBs with supported Commvault solution.
- Architect and deploy Prometheus and Alertmanager for meta-monitoring and visibility. Created Grafana Infrastructures as *information radiators* so customers had self-service with KPIs/metrics
- Support all legacy infrastructures and help customer pivot to modern tools. Focus on learning, team collaboration, documentation, and coaching

February 2005-2015 NY State OFT / Office of Information Technology Services
Consultant: Technical Architect: Enterprise Infrastructure Solutions Architect

- Architect, build, support, and upgrade all IBM ITM monitoring infrastructures
- Led Performance team finding performance issues in NYS infrastructures
- Design, build and maintain visualization and reporting tools for customer self-service
- Led DBA DB2 support/DB2 DB Migration/Tivoli Data Warehouse, Cognos and BIRT
- Lead for Middleware (MQ) and DB monitoring and prod telemetry for Ops/NOC
- Backend scripts and APIs to automate ticket enrichment for ITSM
- Architectural design and implementation of ancillary enterprise monitoring solutions like APM (IBM ITCAM) an Omnibus/Netcool.

EDUCATION

State University of New York College at Purchase
Bachelor of Arts in Sociology, Graduated Magna Cum Laude.
State University of New York College at Purchase
SUNY-Purchase Music Conservatory: Major in Studio production (classical theory, jazz composition, and solfege)