MICHAEL COLLETTI

Cloud & DevOps Enterprise Architect

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PROFESSIONAL SUMMARY

AWS and Google Cloud certified architect with 15+ years of experience in enterprise infrastructure, DevOps, and cloud solutions. Specializes in infrastructure automation, container orchestration, and cloud migration strategies. Proven track record of reducing operational costs and implementing scalable solutions. Strong focus on DevOps culture transformation and cross-functional team leadership.

CORE COMPETENCIES

- Cloud Platforms: AWS, GCP, Azure
- Containerization: Docker, Kubernetes, Docker Swarm
- Infrastructure as Code: Terraform, Ansible, CloudFormation
- Observability: Prometheus, Zabbix, CloudWatch
- CI/CD & Version Control: GitHub, GitLab, Actions, Jenkins
- Programming: Python, Rust, C, Makefiles, Compilers
- Scripting: BASH, Powershell, PERL, awk/sed
- Database Management: MariaDB, MySQL, DB2, MongoDB
- Enterprise Architecture: Cloud Migration, API Integration
- LLMOps & AI Engineering: Prompt Engineering, AI Integration

PROFESSIONAL EXPERIENCE

DevOps and AI Engineering Trainer | Creative Possibilities Inc. | 04/2025 -Present - Design and develop comprehensive training laboratories for DevOps and cloud platform engineering - Create hands-on curriculum focusing on DevEx, automation, and modern software development practices - Develop AI engineering and LLMOps training content integrating real-world scenarios - Build practical training environments for cloud platforms, containerization, and infrastructure automation

Cloud and DevOps Enterprise Architect | IBM – Kyndryl (Remote) | 03/2021 - 12/2024 - Led container capabilities research and implementation for global engineering teams - Developed automated cloud migration frameworks and IaC templates across multiple cloud platforms - Established global standards for DevOps practices and toolchain

adoption - Mentored teams in cloud-native architectures and DevOps methodologies - Designed and implemented enterprise-scale automation solutions

DevOps Architect & Container Engineering | Kaiser Permanente | 04/2023 - 01/2024 - Spearheaded application modernization initiatives as technical lead - Architected and implemented IaC solutions for enterprise-scale deployments - Provided DevOps coaching focused on microservices architecture patterns - Led monolith-to-microservice transformation projects

Cloud Architect & Co-Founder | Experiment 6 | 07/2019 - 01/2021 - Designed and implemented containerized molecular prediction solutions - Architected Laboratory Information Management Systems (LIMS) testing environments - Reduced FDA compliance drift through automated monitoring and control systems - Improved scientific workflow automation and feedback loops

DevOps Enterprise Architect | NYS ITS CTO Office | 02/2015 - 04/2019 - Achieved $1M annual cost savings by implementing open-source Zabbix monitoring solution - Led Docker Swarm implementation and application containerization initiatives - Established GitLab-based IaC practices and Ansible automation frameworks - Integrated ITSM systems with modern alerting solutions (REST API, Slack) - Provided executive guidance on DevOps transformation strategies

CERTIFICATIONS

- Google Cloud Engineer (2022)
- AWS Developer (2022)
- Terraform Cloud Engineer (2022)
- Azure Fundamentals (2022)
- AWS Solutions Architect (2019)
- Zabbix Professional & Specialist

EDUCATION

Bachelor of Arts: Sociology and Anthropology
SUNY Purchase - Purchase, NY
- Graduated magna cum laude - Biondi Scholarship Recipient - Teaching Assistant for Advanced Critical Sociology

NOTABLE ACHIEVEMENTS

- Implemented enterprise monitoring solution resulting in $1M annual cost reduction
- Led successful cloud migration projects for multiple Fortune 500 companies
- Established DevOps practices across multiple global engineering teams
- Regular speaker at DevOpsDays conferences
- Professional musician and early DevOpsDays performer