

MICHAEL P. TROY JR.

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PROFESSIONAL SUMMARY

Senior DevOps and Platform Engineer with 10+ years of experience building, operating, and evolving cloud platforms that enable developers to ship safely and frequently. Proven track record of owning infrastructure, leading architectural decisions, and improving developer productivity across Azure and AWS environments. Strong background in Infrastructure as Code, CI/CD, container orchestration, and cross-team technical leadership.

CORE COMPETENCIES

- **Cloud Platforms:** Azure, AWS (EC2, S3, VPC, EKS)
- **Infrastructure as Code:** Terraform (modules, multi-environment)
- **Platform Engineering:** Developer tooling, internal platforms, SDLC support
- **CI/CD & Automation:** Jenkins, GitHub Actions, Octopus
- **Containers & Orchestration:** Docker, Kubernetes (AKS/EKS), Argo CD
- **Networking:** TLS/SSL, DNS, cloud networking fundamentals
- **Security:** IAM, Veracode, Snyk
- **Scripting:** Bash, Python, PowerShell
- **Leadership:** Architecture ownership, mentorship, International cross-team collaboration

PROFESSIONAL EXPERIENCE

InvestorFlow

August 2022 – January 2026

DevOps Engineer

- Acted as a technical consultant across international teams, advising on cloud architecture, release strategy, and operational best practices
- Owned and evolved cloud platform infrastructure supporting multiple development teams using Terraform on Azure
- Designed and deployed Azure Static Web Apps and internal tooling to improve developer self-service and reduce operational friction
- Built and maintained CI/CD pipelines for production workloads, including Google Play Store, Kubernetes, Web App deployments
- Designed and supported Docker-based deployments on Kubernetes (AKS) for production services
- Led architectural discussions around SDLC improvements, automation, and reliability
- Integrated AI-driven tooling to optimize development workflows, reduce manual toil, and improve operational efficiency

**eMoney Advisor
Tech Lead and interim Project Manager**

August 2017 – August 2022

- Led platform and DevOps initiatives supporting a high-throughput release train deploying 2–10 times per day
- Developed and maintained CI/CD pipelines (Jenkins)
- Recognized technical authority on AWS, advising multiple teams on architecture, deployment, and operational concerns
- Managed and improved security scanning pipelines (Veracode) across production workflows
- Coordinated cross-team planning and delivery, including quarterly PI planning and stakeholder alignment
- Owned and maintained build infrastructure, including Jenkins build agents and performance environments
- Mentored engineers on TDD practices, mob programming, and delivery discipline
- Designed and maintained automated data retrieval systems using scheduled web scrapers

**SEI
Junior Wealth Developer**

January 2015 – August 2017

- Built automation tooling in Java and Bash to support enterprise business operations
- Delivered production configuration data using SQL and Oracle databases
- Developed client branding automation tools using Groovy and Visual Basic
- Maintained and delivered Oracle Databases to testing and production environments
- Provided 24/7 production support for critical Java applications and databases
- Developed bulk server maintenance scripts improving operational efficiency

**Innovative Solutions and Support
Software Test Engineer**

August 2014 – October 2014

- Tested avionics software under DO-178B compliance standards
- Performed code inspection and regression analysis on C code
- Developed and edited tools for test creation and execution

ADDITIONAL EXPERIENCE

**The Dietrich Theater, Tunkhannock, PA
Technical Advisor / Production Consultant (Volunteer)**

- Engaged by nonprofit leadership to diagnose and remediate a failed web delivery effort that had stalled for over two years
- Identified breakdowns in requirements, feedback loops, and contractor oversight
- Introduced pragmatic software delivery practices tailored to a small creative organization
- Helped leadership reset vendor relationships and adopt healthier patterns for future technical collaborations
- Consulted on hardware purchasing decisions, helping align technical needs, budget constraints, and long-term sustainability

EDUCATION

Temple University, Philadelphia, PA
Bachelor's Degree in Computer Science

Graduated February 2014