

# Michael "Ted" O'Connor II

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Hands-on technology executive and software engineer with extensive experience as both a leader and individual contributor in product development, technical operations, and strategic direction. Focus has been on designing and implementing highly available, scalable and secure distributed solutions for regulated industries. Constantly learning and active on the bleeding edge of blockchain and cloud application development.

## SKILLS

**Blockchain:** Solana, MagicEden, GenesysGo, Polygon, Ethereum, CCXT, Moralis

**Cloud Providers:** AWS, Azure, GCP, Digital Ocean, Linode

**Languages:** Node, Java, SQL, JavaScript, TypeScript, Go, Bash, C#, Python, Ruby, Kotlin

**Databases:** PostgreSQL, MySQL, DynamoDB, Elasticsearch, Oracle, SQL Server

**Automation/Build:** Terraform, Ansible, Packer, CircleCI, Puppet, Foreman, Git, Bamboo, Jenkins

**OS:** Linux (countless distros), MacOS, Windows (Desktop/Server), Android, iOS

**AWS:** EC2, RDS, Aurora, ECS/ECR, Fargate, CloudWatch, Kinesis Firehose, ELB, S3, EFS, Glacier, Route 53, Lambda, API Gateway, VPC, IAM, SSM, CDK, Cognito, SQS, SES, CloudFront, WAF

**Monitoring/Security:** Veracode, Grafana, New Relic, Splunk, Datadog, Zabbix, AppDynamics

**Virtualization:** Docker, Vagrant, VMWare, Azure Virtual Desktop, HivelO

**Support:** Jira, Zendesk, Pingdom, PagerDuty

**Applications:** Apache, Tomcat, Solr, Zookeeper, HAProxy, LDAP, Hazelcast, Documentum, TestRail

## EXPERIENCE

**Myota, Inc.** - Blue Bell, PA

January 2020 - Present

### *Enterprise Architect*

- Designed hybrid cloud infrastructure using Amazon Web Services, Microsoft Azure, and Google Cloud Platform to deliver Myota's cyberstorage platform.
- Created continuous integration/continuous delivery (CI/CD) pipeline using CircleCI, Bitbucket, Terraform, Ansible, Docker, NodeJS, AWS and Azure.
- Developed and participated in reviews of backend services written in JavaScript, TypeScript and Go.
- Acted as engagement manager to onboard prospective customers, partners and investors.

**Opu Labs, Inc.** - Global/Remote

September 2019 - March 2021

### *Founder / Senior DevOps Engineer*

- Led Amazon Web Services infrastructure design and migration from Digital Ocean.
- Introduced automation of AWS infrastructure with Terraform and Packer.

**Wingspan Technology, an IQVIA Company - Blue Bell, PA**

March 2000 - July 2019

***Chief Information Officer / Director of System Engineering / Principal Technologist***

- Critical in leading and growing company from 6 to 50 employees before successful acquisition by IQVIA.
- Managed an international 10 member team that included DevOps engineers, AWS consultants, and Splunk specialists responsible for all deployments, infrastructure configuration, automation, and system administration.
- Oversaw successful migration of VMware servers into Amazon Web Services.
- Created new load testing environments in AWS and developed strategy to migrate all client-facing environments.
- Drove architecture initiatives to handle a 10X increase in client load. Projects included tuning of PostgreSQL queries and ETL as primary DBA, load balancing, asynchronous loading of Solr search indexes, and automation of new tenant creation.
- Participated in client audits, RFP responses, and new client on-boarding process.
- Instituted the use of Puppet, Foreman, Git, JIRA, Fisheye, Packer, and Vagrant to improve development practices and automate the creation of a new eTMF environment, reducing stand up time from two weeks to two hours while improving reliability and transparency.
- Assumed Chief Security Officer responsibilities and led improvements to security posture by introducing penetration testing, vulnerability scans and automated patches.
- Facilitated Change Advisory Board (CAB) that included leaders from each department.
- Established system wide monitoring and alerting tools to enable proactive issue response.
- Instituted new recruiting and interview processes to accelerate department staffing.
- Contributed to requirements, design, development, documentation, and management of SDLC of Wingspan's first SaaS product, Electronic Trial Master File (eTMF).
- Served as sole architect and developer on Wingspan's DocWay Publisher and DocWay eArchive products that automated file transfers between Documentum and SharePoint.
- Developed DocWay's document management software to integrate Documentum with intranet portals including SharePoint, Oracle, WebSphere, WebLogic and JBoss.
- Introduced cross-compiling of Java code into .NET libraries to increase code reuse with IKVM.NET.

**EDUCATION & CERTIFICATIONS**

**Bachelors of Computer Engineering (Cum Laude), Villanova University - Villanova, PA**

**AWS Certified Cloud Practitioner**

*References available upon request.*