# MICHAEL TAGUE

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## Professional Summary

Co-led a team of five certified MuleSoft developers in migrating more than **130,000 lines of code (26,000 unique)** from Broadcom Layer7 to MuleSoft API Gateways. Expert in both platforms, zero-trust architecture, mutual TLS, schema validation across trust boundaries, XML/JSON/DFDL transformations, and Bash/C automation.

## Security Clearance & Certifications

- **Clearance:** DoD Top Secret
- **Certifications:** CompTIA Security+; Salesforce Certified MuleSoft Developer
- **Additional certifications:** Databricks Fundamentals; Java

## Technical Expertise

- **API platforms:** MuleSoft (Mule EE, Anypoint Studio); Broadcom Layer7 (software, appliance, Kubernetes); OAuth Toolkit.
- **Languages:** Bash, Python, C, JavaScript, SQL, Java, and TCL.
- **Cloud and systems:** AWS (EC2, Lambda, S3, RDS), Linux/RHEL, Docker, Kubernetes, Git, and Maven.
- **Automation and monitoring:** Deployment tools, CI/CD, log analytics, custom CLI utilities, OpenTelemetry, and operational reporting.
- **Security:** X.509 PKI, TLS/mutual TLS, certificate lifecycle, OpenSSL, PKCS#12, FIPS configuration, and STIG remediation.

## Professional Experience

**SME API Gateway Developer & Administrator, Principal Cloud Architect**

*Defense Counterintelligence and Security Agency (DCSA)*
*National Background Investigation Services (NBIS)*
*Peraton / Broadcom / OST Corp - Remote*

July 2020 - November 2026

- Co-led the Broadcom-to-MuleSoft migration through the April 2026 production cutover, guiding developers and coordinating architecture, infrastructure, security, testing, and operational transition.
- Established 15 MuleSoft gateways across development, test, and production for IM, PV, and IEP, including shared configuration standards and paired A/B nodes.
- Built a Golden Master for reusable installation of MuleSoft gateways on RHEL, enabling IBM and Booz Allen teams to adopt the platform in a single day.
- Engineered keystore/truststore and certificate automation; supported mutual TLS and FIPS configuration, remediated STIG and vulnerability findings, and deployed MuleSoft runtime updates.

## Professional Experience Continued

- Built more than five dozen commands, aliases, and functions for extensive log management, searching, summarizing, extracting, and performance caching, including live monitoring of 26 logs simultaneously across both nodes.
- Supported IEP/Enterprise Data Lake planning and gateway deployment. Troubleshot production integrations and corrected and replayed 12,607 ManageFCL records with approval.
- Administered 18 Broadcom Layer7 gateways; wrote or significantly enhanced 58% of 156 production gateway services.
- Developed more than a dozen reusable assertions and fragments, including AWS Lambda routing, S3 staging for payloads over 6 MB, non-repudiation logging, multi-environment routing, and audit orchestration.
- Created hundreds of task-specific scripts and maintained 50+ utility programs for automated builds, configuration/XML versioning, cross-network monitoring, and gateway operations.
- Upgraded Broadcom gateways from v9 through v11 across appliance, software, and Kubernetes deployments, including migration to AWS RDS.
- Built an AI-assisted threat-intelligence reporting prototype; contributed to continuous-vetting machine-learning proof-of-concept planning.
- Mentored developers and advanced MVO (Mission, Vision, Objectives) continuous improvement to anticipate needs across supported teams.

## Previous Experience Before July 2020

Additional detail in the attached supplement.

- **Service Transformation Team Lead**, Booz Allen Hamilton / Brooksource; managed 30 Broadcom Layer7 API Gateways.
- **Senior Software Developer**, platform and mobile (iOS/Android), SAIC.
- **Founder / President**, American Softswitch, American CLEC, Win.Net Internet.
- **VP Operations**, Victory Technology, San Francisco, California.
- **Multics Development Manager**, Honeywell, Cambridge, Massachusetts.

## Education

- M.S., Physics, University of Louisville
- B.S., Mathematics (minor: Physics), University of Louisville
- Studied Physics and Biophysics at Georgia Tech (3 years)

## Recognition & Highlights

- Outstanding annual performance reviews; authored 60+ technical guides, how-to documents, and architectural standards.
- Created project plans for the successful Broadcom to MuleSoft migration.
- Represented the gateway team in PI planning, vendor discussions, and cross-team design reviews.

# Michael Tague – Resume Supplement

## Previous Experience (pre-July 2020)

Service Transformation Team Lead, Booz Allen Hamilton / Brooksource 2018

- Led a team of three API Gateway, .NET, Java, and Angular developers in a cloud-based SOA effort known as the HRMP Master Data Management program to modernize the architecture and authoritative data flows for several dozen enterprise applications within the U.S. Army Human Resources Command.

Senior Software Developer, SAIC, 2015

- Developed, built, and deployed a series of iOS/Android mobile applications.
- Using Ionic, Angular, TypeScript, Cordova, Java technologies.
- OAuth delegation access to sensitive network, passing stringent DISA review.
- Of note: AMP (Advanced Mobile Platform) conceived and prototyped to allow two-factor mobile access to full array of traditional enterprise web applications.

Founder / President: American Softswitch, American CLEC, Win.Net Internet 1990

- Created Infinity Switch™, a carrier-grade, cloud SaaS, eliminating on-site equip.
- Created Infinity PBX ™, a carrier-grade, multi-tenant PBX-as-a-Service SaaS.
- American CLEC provided consulting that helped establish new CLEC carriers in 34 U.S. states and two Canadian provinces.
- Win.Net Internet, built the first Internet email app for MS Windows. Further operated as an ISP for U.S., and then regional, for access and web hosting.

VP Operations, Victory Technology, San Francisco 1988

- Joined to re-architect and re-develop its primary software product.
- Ran operations and software development for the campaign start-up.

Multics Development Manager, Cambridge Information Systems Lab 1984

- Led a 20-person team to achieve B2 certification of the Multics operating system by a unit of the NSA, which remains the highest level achieved for an OS.
- Part of Joint study which created Opus, a new OS for Honeywell computers.
- As Development Manager for Opus, led a team of 32 engineers while overseeing an additional 21 engineers at the Advanced Computing Technology Centre.
- Large projects in Honeywell received periodic company-wide reviews. In the second review evaluation study, the study leader stated that the Opus project was the best-managed large-scale software development project in the company's history – no significant technical project risks were found