

David Michalek

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<https://www.linkedin.com/in/dmichalek/>

Motivated self-driven engineer and manager with 6+ years of experience in networking, QA, and mobility/telecom. Proven track record in providing leadership, attention to detail, and technical expertise to deliver quality business products. Possesses an associate degree in Information Technology and bachelor's degree in Cybersecurity.

Leadership Skills

SDLC Management • QA Methodologies and Leadership • Automation Implementation

- **QA Service Lead** – Full software development lifecycle experience from lab to launch; focused on test-driven development, including test plan design/development/execution. Experience interfacing with business to business enterprise partners including device manufacturers and software developers.
 - **Subject Matter Expert** – QA testing and Push-to-Talk domains, playing an integral role in project-based solutions as a key participant in requirements definition, systems design review, and validation efforts by leading user-acceptance testing.
 - **Full Lifecycle Support** – Post launch, leading test efforts of new releases and providing Tier 4 support that addresses complex, customer-facing production issues. Experience coordinating disparate internal and external teams to drive corrective action. Provide on-site support for key customers or high impact issues.
 - **Customer Advocate** – User focused, translating real-world feedback and experiences into processes that drive positive changes to the solution in support of the end-user.
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Technical Proficiencies

Full Network Deployments • Detail Oriented Troubleshooting • Scripting Efficiencies

- **Platforms:** FirstNet, AT&T Commercial Network, iOS, Android, Windows Server, Linux/Unix
 - **Programming/Scripting:** Python, Bash, Power Shell, HTML, Javascript, CSS, SQL
 - **System Implementation:** switches, routers, servers, desktops, and storage
 - **Troubleshooting:** Wireshark, ADB, IrisView, Splunk
 - **Lifecycle Management:** HP ALM Server, JIRA, TDP
 - **Security Tools:** Kali Linux, IDS/IPS, Microsoft Threat Modeling Tool
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Professional Experience

Service Lead – New Product/Technology Development

Mobile Integration Workgroup, Inc. at AT&T Redmond, WA

March 2018-Present

- Helped develop and implement multiple troubleshooting processes that saved over \$5 million in corporate funding
- Discovered and helped drive resolution of a security risk that saved potentially \$10-20 million and impacting millions of clients
- Managed automation project to improve testing efforts

Quality Assurance Manager

Vimro, LLC. at AT&T Redmond, WA

March 2016-March 2018

- Managed technical staff: scope of work, resource allocation, employee growth
- Hired and trained technical staff to support multiple platforms
- Produced team schedule and delegated tasks
- Reported metrics of progress and defect burndown to leadership

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Senior Quality Assurance Engineer

Vimro, LLC. at AT&T Redmond, WA

July 2015-March 2016

- Deployed and supported communication platform of a first-responder network
- Performed end-to-end mobile network traceroutes to support multiple cloud services
- Investigated on-site customer issues for public safety
- Executed nationwide LTE and satellite testing for a Push-to-Talk service

Quality Assurance Engineer

Vimro, LLC. at AT&T Redmond, WA

July 2014-July 2015

- Created test object lists that were tailored to user experience
- Conducted manual testing: iOS, Android, Windows PC, and embedded devices
- Managed defects and worked closely with developers to resolve app issues

Network Administrator

BluZebra Technologies, Inc. Seattle, WA

December 2013-July 2014

- Setup, install, configured, and supported small-medium business networks including switches, servers, firewalls, and desktops
- Monitored and implemented maintenance activities to ensure QoS for clients
- Created test matrices and action plans to deploy what was best for the client.
- Improved efficiencies on tasks by scripting/automating using Bash/PowerShell/etc.

Volunteer Experience

Software Developer

UW Tacoma Giving Garden, Tacoma, WA

March 2019-August 2019

- Developed a prototype for a fully autonomous, self-sustaining irrigation system
- Configured a Raspberry Pi that was powered by a solar panel and water supply from a rain barrel
- Created scripts with Python and Bash for feature-set including automated watering schedule, check weather, time-lapse photos/video, and a daily health check email
- Setup the Raspberry Pi to act as a Wi-Fi AP and which could be managed using a web interface via any mobile device in the vicinity

Penetration Tester

Workforce Central, Tacoma, WA

September 2019-December 2019

- Performed a Security Risk Analysis
- Delivered a Risk Assessment Report to help leadership spread information security awareness
- Presented along with drafting a contract/scope of work for my team
- Utilized a multitude of pen testing tools within Kali Linux
- Gave a follow-up presentation to their staff regarding best practices of security awareness

EDUCATION & CERTIFICATIONS

GREEN RIVER COLLEGE

June 2016

Associate of Applied Science – IT Systems

UNIVERSITY OF WASHINGTON

June 2020

Bachelor of Applied Science – IT Cybersecurity

Certifications

CompTIA Network+

CompTIA Security+

MTA – Security

MTA – Networking

