

# Travis Tackett

2112 Hagan Drive Tallahassee, Florida 32303

Phone: 850.321.4459 E-Mail: [tktackett@gmail.com](mailto:tktackett@gmail.com) Website: <https://travistackett.com>

## Summary of Qualifications

Enterprise Architect, Technical Consultant, Advisor, Enterprise System Administrator, and Project Manager with demonstrated ability to learn, communicate, analyze business needs, and create effective technical solutions. Possess over 13 years of IT knowledge and management. Strong hands-on experience with architecting hybrid-cloud solutions, web-based technologies, and scalable data solutions. Concepts and technologies including, but not limited to:

- Enterprise Strategy
- Full App Stack Management
- Azure Management and Implementation
- Identity Management
- Identity Integration
- Microsoft 365 & On Premise Exchange
- Group Policy
- LAMP stacks
- HTML
- CLI & PowerShell
- SQL Server
- Snowflake
- MongoDB Atlas
- DNS
- Firewall Management
- Managed switching
- Salesforce
- ServiceNow
- Azure Storage
- Azure Service Bus
- Azure DevOps – Build & Release
- Security Information and Event Management
- VMware ESXi
- Project Management
- Network cable termination and management
- Google-Fu
- Quickbooks
- Point-of-Sale management
- Network Security – Penetration Testing
- IDS/IPS Implementation
- Virtual Desktop (Azure and Citrix)

Other qualities include superior project management skills, capable of leading professionals, maximizing individual productivity, and creating cohesive team environments.

## Experience

### **Enterprise Architect – Alltech Consulting - FDOT**

**2021-Present**

Providing architectural guidance for development and infrastructure efforts throughout the Florida Department of Transportation. Focusing on replacing old technology with "as a Service" and cloud-hosted solutions. Shifting the Department away from traditional N-Tier architecture to Service Oriented Architecture.

### **Owner – Tackett Technologies**

**2021-Present**

Providing consulting services for cloud technologies with a primary focus on M365, Azure Cloud, Windows Virtual Desktop Services, and AWS Cloud. Working with clients to provide them with the best possible solution while keeping supportability and cost in mind.

### **Transportation Solution Architect – MTX Group**

**2021-2022**

Developing transportation-specific products around the Salesforce and MavQ Platforms. Creating and delivering solutions to meet transportation agency needs in the areas of commercial permitting, contractor pre-qualification, DMV licensing, project management, grant management, and smart asset detection.

### **Cloud Architect – Titan Technologies**

**2020-2021**

Architecting and deploying cloud-based solutions to suit client needs. Focusing on implementations requiring NIST 800-53 and FedRAMP level security controls. Creating cost-effective solutions by leveraging automation to minimize cloud spend and reduce required maintenance hours.

### **Enterprise Architecture Manager – Florida Department of Transportation 2018-2020**

Managing a team of 10 infrastructure and development focused architects. Writing and executing an agency-wide cloud-first strategy. Continuously evaluating and PoC'ing new technologies to consider for Department-wide adoption. Architecting and managing over 150 workloads in Microsoft Azure. Implementing IT Change Control within the Department utilizing FDOT's IT Service Management Platform (Cherwell). Developing a Configuration Management Database with dependency mappings to better analyze potential impacts from a cataloged change. Promoting, organizing, and training [Citizen Development](#) within the Department.

### **Enterprise Architect – Florida Department of Transportation 2017-2018**

Championing new or replacement technology efforts within FDOT. Responsible for developing application development and environment standards, along with enforcing those standards. Placing a Department-wide focus on Cloud Computing over on-premises infrastructure. Moving several key workloads, including our ArcGIS platform to the Microsoft Azure Cloud. Creating and executing an integration strategy utilizing a Service Oriented Architecture approach.

### **Enterprise Technology Strategist – Florida Department of Transportation 2016-2017**

Setting the technical direction for FDOT. Working with various business offices to implement solutions to increase productivity and minimize downtime. Focusing department efforts on cloud-based technology (Platform and Software as a Service). Writing Legislative Budget Requests. Participating in Invitations to Negotiate and scoring RFP responses for application development efforts. Working closely with the Enterprise Library team to develop an enterprise service bus strategy.

**Project Manager – Florida Department of Transportation      2015-2016**

Managing enhancements and supporting FDOT's Enterprise Library services, a set of APIs and applications that support all custom application development at FDOT. Managing FDOT's Azure-related resources. Architecting cloud-focused solutions for business offices and internal staff. Responsible for maintaining Subversion and Team Foundation Server repositories. First line of communication for all district application developers, who are asking for support. Facilitating a standards and technology workgroup, which maintains all development standards, guidelines, and best practices.

**Technical Analyst I – Florida Department of Transportation      2014-2015**

Supporting FDOT's internally developed applications, and the server infrastructure they run on. Migrating applications to new servers and promoting code from development to production networks. Working with the SSRC to coordinate the maintenance and upgrades of servers. Managing and upgrading a Citrix Farm from XenApp 4.5 to 6.5. Facilitating a standards and technology workgroup, which maintains all development standards, guidelines, and best practices. Working with the AASHTOWare product suite, performing several new implementations, upgrades, and migrations to keep customers on the latest toolsets.

**Information Technology Consultant - Epyon Technologies      2007-2014**

Partnering with clients to advise them on how to use technology to meet their business needs and overcome problems. Designing, testing, installing, and monitoring new systems. Providing 24/7 support for mission-critical applications. Planning backup procedures, both onsite and offsite. Training clients and their staff on systems. Clients include, but are not limited to, medium-sized hotels, law offices, construction management companies and their job sites, and restaurants. Client sizes vary in range from one to fifty employees. Managed three staff members, deploying them to the clients when necessary.

## Volunteer Experience

### **T&AA Task Force Member – AASHTOWare**

**2017-2020**

A volunteer role on AASHTOWare's Technical and Application Architecture Task Force.

Responsibilities include, but are not limited to:

- Maintaining and enhancing AASHTOWare's Software Development Lifecycle.
- Setting and updating AASHTOWare's Standards and Guidelines, which are required to be followed for all AASHTOWare software development efforts.
- Providing IT consulting services to the other AASHTOWare Task Forces.
- Conducting the annual AASHTO IT Survey, which is prepared and sent out to all AASHTO member states.
- Conducting an annual technology review for AASHTOWare products.

### **State of Florida CTO Workgroup**

**2016-2018**

Meeting with state agency Chief Technology Officers to discuss recent successes and failures with technology. Responsible for providing significant input on creation of new Florida Rules:

- 60GG-2 (Information Technology Standards)
- 60GG-4 (Cloud Computing)
- 60GG-5 (Information Technology Architecture Standards)

## Certifications

### **Azure Fundamentals**

**2020**

## **Skills**

### **Cloud**

#### **Microsoft Azure**

- Web App Service
- Functions
- API Management
- Service Bus Queues & Topics
- Application Insights
- Logic Apps
- Azure Cache (Redis)
- Azure SQL
- Azure SQL Managed Instances
- Azure Synapse Analytics
- MariaDB as a Service
- PostgreSQL as a Service
- Databricks
- Data Factory
- Blob Storage (Hot/Cold/Archive)
- File Shares (File Sync)
- StorSimple (VM/8100/8600)
- Azure DevOps
- Azure Active Directory / Entra ID
- Azure Active Directory B2C
- M365 (Exchange/SharePoint/Teams/etc.)
- Power BI
- Azure DNS
- CDN
- ExpressRoute
- VPN Gateway
- Virtual Networking & Peering
- Network Security Groups
- Load Balancer
- Application Gateway
- ACI
- Container Registries
- Managed and Unmanaged Disks
- Key Vault
- Media Services
- Backup/Recovery Services Vaults
- Compute/Virtual Machines
- Availability Zones & Sets
- Windows Virtual Desktop
- FSLogix
- Automation
- Monitor
- Cost Management
- Advisor

#### **Amazon Web Services**

- EC2
- S3/Glacier
- Elastic Beanstalk
- DynamoDB
- RDS

#### **Google Cloud Computing**

- Compute Engine
- Cloud CDN
- Cloud Storage
- Cloud SQL
- Maps API

## Enterprise Architecture & Strategy

- Directly responsible for planning and executing a reorganization strategy within Application Services:
  - Reorganized development teams from a matrix structure to cross-functional teams, aligned by different business areas of FDOT.
  - Introduced and educated staff on the concepts of DevOps to promote cross-functional team members.
  - Promoted CI/CD tools within the organization.
- Created FDOT's Cloud Strategy:
  - Coordinated a cloud readiness assessment of all known FDOT systems.
  - Gathered input from multiple stakeholders on cloud direction.
  - Found and exercised creative ways to fund cloud efforts in an ecosystem not used to cloud-based billing.
  - Promoted realignment of critical resources to support a Cloud Team within FDOT's Integration Services Bureau.
- Redeveloped FDOT's standards review process to automate and quicken results.
  - Introduced SonarQube for code quality and security scans, providing a self-service element to the code review.
  - Implemented Siteimprove to quickly detect and suggest fixes for common UI and 508 compliance issues.
- Redefined FDOT's technology stack for custom applications and integrations.
  - Promoted the move from .NET Framework to .NET Core or Node.JS.
  - Changed the target infrastructure for all new code from on-premise VMs to Azure PaaS.
  - Required an API or Service Bus First approach to integrations.
  - Made Azure AD and B2C the defacto standard for authentication.
- Implementing IT Change Management within the Department.
  - Responsible for developing and integrating change management workflows into FDOT's ITSM (Cherwell).

## Jack of All Trades

Setup and integrated many different technologies over the years. Below is a non-exhaustive list of some of those technologies:

Hardware: Custom server and workstation builds, repairs, and upgrades. Managed desktop, server, and networking equipment from Dell, IBM, HP, Toshiba, Netgear, and D-Link. RAID Support and Recovery. Troubleshooting of business-class copier systems.

Software: Virus prevention (Windows Defender ATP, Malwarebytes) and removal. Workstation install and setup (Windows 95 through Windows 10, Mac OS X, and Linux). Windows Server (2000-2019, SBS2003, SBS2008, SBS2011, Hyper-V). VMWare ESXi 5. Active Directory (Management, New Deployments, and Migrations). Remote Desktop Protocol (including RemoteApp). Group Policy Management. POSTFIX. Sendmail. Exchange 2003, 2007, 2010, and 2013. Smart host setup. Apache. IIS v5-10. SQL (Microsoft SQL Server, Access, MariaDB/MySQL). Office 2000, XP, 2003, 2007, 2010. Quickbooks 2005-2012. Timberline Office Accounting. Primavera (P3, P6, Expedition, Contract Manager). Google Apps for Business.

Networking: Firewalls (Palo Alto, Ubiquiti EdgeMAX, Cisco PIX, Linksys RV042, Netgear Prosafe, Watchguard Firebox, DD-WRT, UFW, IPTables), DNS (External DNS resolution & Internal Windows Server DNS & BIND), DHCP, VLANs, IPSec & PPTP based VPN (Cisco ASA, Netgear, Linksys, Ubiquiti). Mesh wireless networking hardware (Meraki, Ruckus Wireless, Ubiquiti UniFi). Wireless Bridging (Ubiquiti airMAX and airFiber). VPN (IPSec, PPTP, Windows Routing & Remote Access. OpenVPN).

Other skills include public speaking, fiber termination, project management, network penetration testing, asset management, documentation, time management, leadership, and Google.

## References

**Clay Whitaker – FDOT Financial Support Development Manager – 352.258.6985**

**Tim Jennings – Former TxDOT CIO – 512.784.1654**

**Ken Madden – FDOT IT Analyst – 850.410.5522**