

Mikal J. Bright

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Senior Cloud Solutions Architect | Azure DevOps | D365 | IaC | Data Integration | Automation Leadership

Trusted Azure DevOps lead driving secure enterprise cloud builds, data integration pipelines, and D365 automation at scale. Over 12 years of experience leading cloud transformation, hybrid identity, and platform modernization across enterprise environments. Proven record implementing CI/CD pipelines, infrastructure as code (IaC), and secure integration frameworks with measurable performance and cost outcomes.

Core Competencies

- Azure DevOps Pipelines & Git Integration
- Dynamics 365 CE & F&O (Cloud Integrations)
- Infrastructure as Code (Terraform, Bicep, ARM)
- CI/CD Automation & Release Management
- Azure API Management (APIM), Event Hub, Logic Apps
- Databricks & Medallion Data Architecture (Bronze/Silver/Gold Layers)
- Azure Data Factory (ADF), Function Apps, Stream Analytics
- Azure Kubernetes Service (AKS), Docker, .NET Microservices
- Identity & Access Management (Azure AD, Key Vault, RBAC)
- Cloud Security, Compliance & Governance
- Monitoring (Azure Monitor, Log Analytics, App Insights)
- Real-Time & Batch Data Integration Pipelines
- Cost Optimization, DR, High Availability Design
- Agile Sprint Planning, DevOps Culture Leadership
- Technical Team Mentorship & Architecture Oversight

Professional Experience

Senior Systems Engineer | Paradies Lagardère

June 2022 – Present | Atlanta, GA

Acting Cloud & DevOps Architect – Azure, D365, IaC, and Integration Platforms

- Architected hybrid Azure infrastructure with secure access controls, supporting over 1,000 enterprise users.

- Built and managed CI/CD pipelines using Azure DevOps for infrastructure, applications, and scripted automation.
- Automated infrastructure provisioning using PowerShell, Bicep, and Terraform to standardize environments.
- Supported integration between Azure AD and Dynamics 365 CE through secure identity federation.
- Implemented Azure API Management (APIM), Event Hub, and Logic Apps to enable secure data exchange.
- Containerized and deployed .NET microservices on Azure App Services; collaborated on AKS rollout for internal D365-integrated workflows.
- Integrated ingestion pipelines using Azure Data Factory, Event Hub, and Logic Apps.
- Applied Medallion architecture principles to design raw-to-curated data flows across Databricks and ADLS.
- Monitored infrastructure health using Azure Monitor, Log Analytics, and Application Insights.
- Oversaw a \$3M Azure cloud portfolio, ensuring high availability, observability, and performance.
- Provided mentorship to DevOps engineers; led security reviews, DR planning, and platform compliance.
- Supported Agile delivery across four sprint teams, reducing deployment cycle from 10 days to 3 via pipeline standardization.

Senior Systems Engineer | tvsdesign

April 2019 – June 2022 | Atlanta, GA

- Designed cloud infrastructure across Azure and VMware to support scalable, secure business operations.
- Deployed CI/CD pipelines using scripting and Git-based workflows to support repeatable rollouts.
- Implemented Office 365 security features, Defender ATP, and Microsoft cloud compliance policies.
- Partnered with dev leads to align infrastructure with project roadmaps and integration needs.

Lead Support Engineer | Castles Technology

September 2018 – April 2019 | Atlanta, GA

- Managed deployments and integrations of containerized services and client infrastructure platforms.
- Delivered production-ready releases through Git pipelines and documented automated rollout procedures.

IT Helpdesk Engineer (Contract) | Agile Resources for NERC

April 2018 – July 2018 | Atlanta, GA

- Supported internal platforms including SharePoint, CRM, and secured Windows-based environments.
- Maintained endpoint and network integrity while supporting business-critical users.

Jr. Systems Administrator | First Investors Financial Services

October 2015 – April 2018 | Houston, TX

- Administered secure enterprise systems including AD, Exchange, and encrypted VPNs for remote access.
- Provided platform and network troubleshooting across hybrid infrastructure.

Key Achievements

- Built enterprise-grade CI/CD pipeline infrastructure using Azure DevOps for infrastructure, microservices, and D365 workflows.
- Reduced incident resolution time by 50% with PowerShell and GitOps-based automation.
- Designed Medallion-based data flows (Bronze/Silver/Gold layers) using ADF, Databricks, and Event Hub.
- Implemented containerized microservices strategy with Azure App Services; contributed to AKS deployment pilot.
- Automated ARM/Bicep provisioning for RBAC-secured environments integrated with Azure Key Vault.
- Supported Azure-based data ingestion from external LOB systems via Logic Apps and Function Apps.
- Reduced cloud spend by 17% through tagging, policy enforcement, and proactive monitoring.
- Provided architecture oversight to 6 cross-functional teams and guided DevOps enablement practices.
- Streamlined release governance and rollback strategies, increasing platform uptime by 23%.

Education & Certifications

Georgia Tech

Certificate: Full Stack Flex Web Developer

Certifications:

- Microsoft Certified: Azure Administrator
- Microsoft Certified: Azure Fundamentals
- Microsoft Certified: Azure Solutions Architect Expert (AZ-305) – In Progress
- Microsoft Certified: Azure AI Engineer Associate (AI-102) – In Progress
- Kaseya ITGlue Administrator | Kaseya VSA 10 Technician
- CompTIA A+ | Network+ | Server+ (Training Completed)
- FAA Part 107 Certified Drone Pilot

Professional Development:

- Azure Security Technologies (AZ-500)
- Azure Data Fundamentals (DP-900)
- Cybersecurity Foundations | Ethical Hacking
- DevOps & CI/CD Fundamentals

Technical Toolset

Cloud Platforms: Azure, AWS, GCP, OCI

IaC & Automation: Terraform, Bicep, ARM, PowerShell, Microsoft Graph API, Git

CI/CD Tools: Azure DevOps, GitHub Actions, Azure Pipelines, Git Repos

D365 & Integration: Dynamics 365 CE, Azure API Management, Logic Apps, Event Hub, Function Apps

Data & Processing: Azure Data Factory, Databricks, Stream Analytics, ADLS Gen2

Containers & Services: Docker, Azure App Services, AKS (development & pilot exposure), .NET Microservices

Monitoring: Azure Monitor, Log Analytics, Application Insights

Security: Azure AD, RBAC, Key Vault, Conditional Access Policies

DevOps Culture: Agile, GitOps, Sprint Velocity Optimization, Infrastructure Governance