**DONALD W. SMITH JR.**

**Azure Solutions Architect | 100% Remote**

📧 architect@donaldwsmithjr.com | 📞 (404) 939-3663 | 💬 [MS Teams](https://teams.live.com/l/invite/FAArkASdd8AsTD4cwk)

**PROFESSIONAL SUMMARY**

Seasoned Solutions Architect with 30+ years of enterprise architecture experience and 15+ years specializing in Azure cloud solutions. Proven track record of delivering comprehensive cloud transformations across banking, healthcare, telecommunications, and manufacturing sectors. Expert in cost optimization, AI/ML implementation, and large-scale system modernization with hands-on approach to design, development, and deployment.

**Core Expertise:** Cloud Architecture • DevOps & CI/CD • AI/ML & Data Analytics • Security & Compliance • Digital Transformation

**TECHNICAL SKILLS**

**Cloud Platforms:** Azure (15 years), Multi-cloud, Hybrid Cloud, Kubernetes  
**Development:** .NET (19 years), C#, .NET Core, VB, Angular, RESTful APIs  
**Data & Analytics:** SQL Server (30 years), Databricks, Synapse Analytics, Power BI, Delta Lake, ADLS  
**AI/ML:** NLWeb, AutoRAG, GPT, CodeGen, Agentic AI, Machine Learning Pipelines  
**DevOps:** Azure DevOps, CI/CD Pipelines, YAML, Infrastructure as Code  
**Security:** HIPAA, PCI-DSS, Zero Trust, Azure Security Center, Key Vault  
**Methodologies:** Agile, SAFe (15 years), SDLC, Project Management (17 years)

**PROFESSIONAL EXPERIENCE**

**Global Solutions Architect | Giesecke+Devrient (G+D) | Atlanta, GA**

*August 2022 – September 2024*

Led global cloud strategy and architecture guidance for multinational fintech company specializing in digital security solutions.

• Developed multi-cloud connectivity strategies and governance frameworks for global operations • Provided technical policy direction and best practices documentation for architecture teams • Architected secure, scalable solutions supporting digital payment and identity management systems

**Global Solutions Architect | Cognizant Technology Solutions**

*2017 – 2021*

**FM Global Risk Analysis Platform** *(February 2021 – June 2021)* • Architected Azure PaaS geospatial imagery analysis platform for insurance risk assessment • Implemented high-volume AI/ML image processing with Kubernetes deployment • Integrated third-party data providers for comprehensive risk data augmentation

**GlaxoSmithKline Big Data Analytics** *(December 2020 – February 2021)*  
• Designed Azure mesh core architecture for pharmaceutical big data analytics workloads • Implemented compute tier with Databricks, Talend, Collibra, and Synapse in certified governance environment • Architected Delta Lake and ADLS integration for global data management compliance

**Humana Mainframe Modernization** *(July 2020 – December 2020)* • Led Azure cloud migration strategy for healthcare mainframe modernization initiative  
• Developed architectural blueprints and security frameworks meeting HIPAA requirements • Created implementation templates and detailed architectural diagrams for program execution

**Truist Bank Merger Integration** *(December 2019 – July 2020)* • Architected technology integration strategy for SunTrust and BB&T merger • Designed hybrid cloud solutions combining in-house, SaaS, and IaaS services • Provided security assessments and developer guidance for merged infrastructure

**Ernst & Young Global Analytics Platform** *(February 2017 – December 2020)* • Principal architect for greenfield big data analytics platform supporting audit transformation • Led platform feature team development for global big data hosting solutions • Implemented comprehensive Azure stack: SQL DW, Analysis Services, Data Factory, Functions, vNet • Developed efficient CI/CD DevOps YAML pipelines for automated testing and deployment

**CONSULTING EXPERIENCE | Cloud Services Consulting**

*Technical Analyst | 2008 – 2017*

**Key Client Engagements:**

**Advanta Insurance** *(February 2016 – February 2017)* • Lead architect for online insurance binding platform using Azure App Service Environment • Implemented data-driven rules engine with .NET Core and comprehensive API integration

**Norfolk Southern Railway** *(June 2013 – February 2016)*  
• Developed integrated train management system using agile methodologies • Implemented enterprise patterns: Repository, IoC, DI, Unit of Work using C# .NET MVC

**Allscripts Healthcare** *(February 2013 – June 2013)* • Business analyst for Saba LMS eCommerce initiative with Oracle integration • Designed publish-subscribe integration patterns for healthcare system interoperability

**Oldcastle Materials** *(February 2008 – March 2012)* • Solutions architect for multinational CRM rollout supporting 6,000+ Salesforce users • Developed integrations for 5 business units using IBM CastIron cloud integration platform

**ENTREPRENEURIAL LEADERSHIP**

**Managing Partner | EdgeTek Technologies | Atlanta, GA |***1996 – 2007*

Founded and led technology consulting firm serving Fortune 500 clients across telecommunications, financial services, and energy sectors. Notable clients included BellSouth, Southern Company, Cingular Wireless, and The Bankers Bank.

**EDUCATION & CERTIFICATIONS**

**Bachelor of Business Administration** - Management Information Systems  
University of Georgia

**Microsoft Certified Professional**  
Azure Solutions Architect Expert

**INDUSTRY EXPERIENCE**

**Sectors:** Banking & Financial Services • Healthcare & Pharmaceuticals • Telecommunications • Insurance • Energy & Utilities • Government • Manufacturing • Transportation & Logistics

**Geographic Reach:** Global implementations with expertise in data privacy regulations and multi-regional compliance requirements