

# Don Hoisager, Jr.

## Senior Solutions Architect

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### PROFESSIONAL SUMMARY

Senior Solutions Architect with 20+ years of experience leading enterprise-scale technology transformations. A "builder-architect" expert in modernizing legacy environments into scalable, cloud-native ecosystems through Infrastructure as Code (IaC), advanced automation, and secure networking. Proven track record of bridging business strategy with technical execution to deliver end-to-end solutions for ERP, CRM, Operations, and Finance platforms. Specialized in establishing global architectural standards, governance, and mentoring high-performing engineering teams in highly regulated environments.

### CORE ARCHITECTURAL COMPETENCIES

- **Cloud Strategy:** Assessment and definition of IaaS/PaaS roadmaps using Well-Architected Frameworks to align multi-site enterprise infrastructure with cloud scalability.
- **Full-Stack Architecture:** End-to-end design covering the integration of Applications, Data, and Infrastructure within modern DevOps ecosystems.
- **Cloud & Platform Modernization:** Leading the transition of monolithic legacy systems to microservices and event-driven serverless architectures (e.g., Lambda, Functions, Containerization).
- **Infrastructure Automation:** Orchestrating environment provisioning via Infrastructure as Code (IaC) and CI/CD pipelines to eliminate manual configuration and ensure global deployment standards.
- **Secure Cloud Networking:** Engineering global connectivity refreshes including SD-WAN, VPN, and Zero Trust security; experienced in cloud-native traffic management (VPC/VNet, DNS, Load Balancing, NSG, and Transit Gateways).
- **Enterprise Governance:** Establishing architectural standards, technical steering, and executive-level stakeholder management to drive large-scale digital transformation.

### PROFESSIONAL EXPERIENCE

#### Shell | Houston, TX

Senior Solution Architect / IT Technical Lead | 2009 – Present

Direct the architectural vision and technical delivery for enterprise-scale modernization initiatives, specializing in transitioning business-critical systems to modern cloud environments.

#### Cloud Architecture, Engineering, and Automation

- Orchestrated end-to-end IaaS/PaaS solutions leveraging elastic compute, scalable storage, and software-defined networking to support high-availability enterprise workloads.
- Established enterprise-wide CI/CD deployment standards and automated build-package validation to ensure compliance with global architectural frameworks.

- Optimized platform health and performance through proactive monitoring strategies, telemetry analysis, and automated traffic management.

## **Cloud Modernization and Migration Strategy**

- Executed large-scale global migrations using Well-Architected frameworks, transitioning legacy business units to resilient, cost-optimized cloud environments.
- Pioneered standardized Infrastructure as Code (IaC) frameworks that reduced provisioning lead times by 35% while ensuring parity across multi-tier environments.
- Automated complex operational workflows and lifecycle management tasks utilizing scripting and event-driven, serverless compute functions.
- Led strategic assessments for core business units (ERP, CRM, Finance), refactoring legacy technical debt into scalable, containerized microservices.

## **Full-Stack Infrastructure and Network Standards**

- Engineered global connectivity standards including SD-WAN, encrypted tunneling (VPN), and centralized Identity and Access Management (IAM) for secure multi-site operations.
- Architected optimized web-hosting environments for enterprise-grade applications, ensuring low-latency delivery and global load balancing.
- Served as the technical authority for high-concurrency projects, providing the steering required to resolve cross-functional design gaps and performance bottlenecks.

## **Security, Risk, and Compliance Governance**

- Designed compliant data architectures to meet stringent global regulations (SOX, GDPR, BCR), prioritizing data integrity, encryption at rest/transit, and audit traceability.
- Implemented "Security-by-Design" principles, including Zero Trust architectures, unified identity governance, and advanced perimeter protection (WAF/Edge security).

## **Various Enterprise Clients | Houston, TX**

Technical Engineer to Delivery Lead | 1998 – 2008

Established a comprehensive engineering foundation in infrastructure and systems management that informs high-level architectural decisions.

- Led physical data center migrations and closures, performing hands-on configuration of enterprise-grade server, storage, and network clusters.
- Standardized infrastructure patterns that improved system reliability by 20% across diverse business sectors.
- Managed full lifecycle delivery, bridging the gap between technical engineering and project leadership to maintain 99.9% uptime for mission-critical environments.

## **EDUCATION AND CERTIFICATIONS**

- TOGAF Certified (The Open Group Architecture Framework) - v9 and v10
- AWS Certified Solutions Architect – Associate
- PMP (Project Management Professional)
- B.A., Stephen F. Austin State University

# TECHNICAL MATRIX

Cloud & Platforms	AWS (Certified), Azure, VMware, IaaS/PaaS/SaaS, Migrations
Infrastructure as Code	Terraform, CloudFormation, ARM Templates
Automation & Scripting	PowerShell, Python, Shell, Lambda, Serverless, Low-Code Workflows
DevOps & CI/CD	Azure DevOps, GitHub, JIRA, Docker, Kubernetes
Networking & Security	SD-WAN, VPN, VPC/VNet, Route 53, Zero Trust, IAM, WAF, ALB
Data & Compliance	Managed SQL, AWS RDS, S3/Glacier, SOX, GDPR, BCR, Audit Governance, ARB, CoE
IT Frameworks	TOGAF (v9/v10), Well-Architected Framework, PMP, Agile/Scrum