

MARIE CARLSON

Senior Solutions Architect | Cloud & Platform Architecture

Chicago, IL | Open to Remote, Hybrid, or On-Site (Chicago Area)

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PROFESSIONAL SUMMARY

Senior Solutions & Platform Architect with 18+ years of experience designing, leading, and delivering enterprise-scale infrastructure, cloud, and hybrid platform initiatives. Proven track record executing dozens of complex migrations and modernization programs across public cloud, private cloud, and hybrid environments, spanning short tactical engagements to multi-year enterprise transformations. Known for translating complex business, security, and technical requirements into secure, scalable target-state architectures and leading delivery with clarity, pragmatism, and low operational risk.

CORE EXPERTISE

Enterprise & Platform Architecture

Cloud & Hybrid Architecture (AWS, Azure, VMware / VCF)

Large-Scale Infrastructure & Application Migrations

Private Cloud & Data Center Modernization

Target-State Architecture & Roadmapping

DevOps & Automation Enablement (IaC)

High Availability, Resiliency & Disaster Recovery

Linux, UNIX & Enterprise Platform Foundations

TECHNICAL SKILLS

Cloud Platforms: AWS (EC2, S3, RDS, VPC, Lambda, IAM), Microsoft Azure (VMs, VNets, Blob Storage, Azure Arc, AVS), VMware Cloud Foundation

Automation & Infrastructure as Code: Terraform, CloudFormation, Python, PowerShell, Bash, Puppet, Chef

Virtualization & Platforms: VMware (vSphere, VxRail, SRM), Linux (RHEL, Ubuntu, CentOS), UNIX, Windows

Migration & Modernization: Data center to cloud migrations, hybrid cloud integrations, application replatforming, phased enterprise migration programs

PROFESSIONAL EXPERIENCE

Senior Solutions Architect (Enterprise Platforms) – CIBC Bank USA | 2023–2025

Led architecture and migration strategy for 30+ enterprise applications as part of a large-scale platform modernization initiative. Designed hybrid target-state architectures leveraging Microsoft Azure and Azure VMware Solution (AVS) to support workloads unable to migrate directly to public cloud. Defined migration sequencing, dependency mapping, and feasibility

assessments for complex legacy systems in a regulated financial environment. Architected platform solutions addressing resiliency, disaster recovery, security, and capacity planning. Partnered closely with application, infrastructure, and security teams to guide execution and reduce delivery risk.

Principal / Senior Solutions Architect – CLG Development (Consulting) | 2015–2023

Delivered senior-level architecture consulting across dozens of cloud, hybrid, and private cloud migrations spanning AWS, Azure, and VMware-based environments. Led migration initiatives ranging from short-duration tactical efforts to multi-phase enterprise programs lasting 12–24 months. Defined target-state architectures, migration strategies, and phased execution plans aligned to business, security, and operational requirements. Designed repeatable reference architectures and landing zones to enable scalable, low-risk migration delivery. Served as a trusted technical advisor to enterprise stakeholders guiding architecture decisions and modernization roadmaps.

Senior Solutions Architect (Enterprise Consulting) – Insight Enterprises | 2021–2022

Architected and led accelerated modernization initiatives migrating legacy Linux environments to AWS-based platforms. Designed secure, multi-account cloud architectures incorporating centralized security, logging, and governance. Supported hybrid management and integration strategies across cloud and on-prem environments. Conducted architecture and security assessments aligned to industry best practices and well-architected principles.

Principal / Senior Solutions Architect (Contract) – United Airlines | 2019–2020

Provided architectural leadership across multiple hybrid infrastructure and platform initiatives. Designed and reviewed cloud and hybrid architectures for scalability, resiliency, and operational consistency. Partnered with engineering teams and vendors on architecture standards, delivery planning, and execution alignment.

Lead Solutions Architect | Cloud & Platform Architecture (Contract) – Motorola Solutions | 2018–2019

Led cloud and platform architecture for modernization initiatives supporting enterprise digital services. Designed cloud-native and hybrid architectures enabling CI/CD, automation, and scalable application delivery. Guided teams through platform modernization from legacy infrastructure to cloud-aligned architectures.

Foundational Platform & Systems Engineering Roles | 2006–2015

Built deep expertise in Linux, UNIX, VMware, and enterprise platform architecture. Supported revenue-critical trading and market systems in high-pressure, real-time environments. Led platform design, reliability engineering, and infrastructure modernization initiatives across large enterprise estates.

CERTIFICATIONS

AWS Certified Solutions Architect – Associate (SAA-C03)