

JOSEPH C. PICHERTE

PROFESSIONAL SUMMARY

Strategic Solutions Architect with deep expertise in application networking, distributed security, and cloud-native architecture across AWS, Azure, and GCP. Former F5 employee (Aspen Mesh) with hands-on experience in BIG-IP, NGINX/NGINX Plus, Kubernetes ingress, API security, service mesh, automation, and AI-driven application delivery. Known for presales leadership, clear technical storytelling, and customer-focused solution design that accelerates decision-making for executives and engineering teams.

SKILLS & ABILITIES

F5 Ecosystem & Application Delivery: BIG-IP, NGINX/NGINX Plus, Kubernetes ingress controllers, API gateway lifecycle, L7 traffic management, DoS/DDoS concepts, app security, zero-trust design.

Cloud & Distributed Architecture: AWS, Azure, GCP, hybrid/multi-cloud networking, cloud application security, global application delivery, distributed systems.

Kubernetes, Service Mesh & Microservices: Istio, Aspen Mesh, Envoy, container orchestration, microservices design patterns, policy enforcement, observability.

DevSecOps & Automation: Terraform, CloudFormation, GitOps, CI/CD, API pipelines, infrastructure-as-code, logging/monitoring frameworks.

AI Infrastructure & LLM/RAG Systems: Model hosting, inference pipelines, embeddings, vector databases, secure retrieval, multi-tenant isolation, custom inference APIs, platform integration.

Presales Strategy & Customer Engagement: Solution design, whiteboarding, PoCs, competitive positioning, RFP/RFI support, demos, customer workshops.

Technical Evangelism: Presentations, whitepapers, blogs, and technical training.

PROFESSIONAL EXPERIENCE

SELF-EMPLOYED

2023 – PRESENT

INDEPENDENT CLOUD & AI ARCHITECT

AI Infrastructure & Cloud Architecture: Design LLM/RAG architectures and secure multi-tenant AI pipelines for a SaaS platform, including embeddings and custom inference APIs.

Cloud-Native Application Networking: Build cloud-native application components using Kubernetes, NGINX, containers, and modern API patterns for scalable SaaS deployment.

AWS Architecture & Technical Guidance: Deliver AWS cloud architecture reviews, prototypes, and modernization guidance for organizations adopting AI-driven or cloud-native designs.

VARONIS SYSTEMS

2024

CLOUD SECURITY ARCHITECT

Cloud Architecture & Security Engineering: Designed cloud security architectures across AWS, Azure, and GCP, focusing on identity, data protection, workload hardening, and API security. Integrated cloud-native controls into enterprise environments and supported zero-trust initiatives.

Presales & Customer Engagement: Partnered with account teams to advise customers on security architecture and cloud adoption. Delivered demos, PoVs, and briefings suited for executive and technical audiences.

Automation & Collaboration: Streamlined deployments using CloudFormation and automation workflows. Collaborated with SEs, product teams, and customer engineers to align solutions with business and security goals.

SOLUTIONS ARCHITECT – OFFICE OF THE CTO

Zero-Trust Application Networking & API Management: Designed and deployed service mesh, API management, and automation architectures aligned with zero-trust NIST principles across multi-cloud environments. Implemented GitOps-driven CI/CD pipelines to support consistent, policy-driven deployments.

Presales Engagement, PoCs & Technical Storytelling: Led PoCs validating mesh-based security, traffic policy, and distributed application networking in customer environments. Conducted architectural reviews, workshops, and modernization planning sessions for enterprise and public-sector clients.

Thought Leadership & Field Enablement: Authored whitepapers and guidance on enterprise security and networking. Delivered technical enablement, demos, and training sessions that strengthened customer and field readiness.

F5 (ASPEN MESH)

2018 – 2022

SENIOR SOLUTIONS ENGINEER / SOLUTIONS ARCHITECT

Cloud-Native Service Mesh Architecture: Designed and deployed Kubernetes service mesh architectures with mTLS workload identity, L7 traffic control, policy enforcement, and observability pipelines. Integrated mesh with DevOps practices to streamline CI/CD and operational workflows.

Solutions Architecture & Documentation: Created reference architectures, deployment patterns, and implementation guides used across global F5 SE teams to support consistent adoption and integration.

Presales & Customer Success: Provided end-to-end presales and post-sales support, guiding customers through architectural decisions, onboarding, troubleshooting, and optimization of service mesh and Kubernetes networking.

Technical Demos & Evangelism: Delivered conference demos, PoCs, and technical presentations that clarified service mesh concepts and the business value of cloud-native application networking.

Training & Enablement: Developed and delivered technical training programs for customers, partners, and internal teams.

DELL EMC

2015 – 2018

SENIOR SOLUTIONS ARCHITECT / SOLUTIONS MANAGER

Designed hybrid cloud and data-engineering architectures integrating analytics pipelines, Splunk, virtualization platforms, and automation frameworks. Supported presales discovery, modernization planning, and customer workshops. Collaborated with engineering and sales teams to deliver scalable deployment models and cloud adoption roadmaps.

ORACLE (INCLUDING TENURE AT SUN MICROSYSTEMS AND STORAGETEK)

2000 – 2015

SENIOR SOLUTIONS ARCHITECT / INTEGRATION ENGINEER

Architected high-availability Oracle RAC, SAN, and clustered storage solutions supporting mission-critical workloads. Provided presales design sessions and deployment guidance for enterprise customers. Led scalability and performance optimization initiatives while partnering across engineering, support, and field organizations.

CERTIFICATIONS

AWS Certified: Solutions Architect – Professional, DevOps Engineer – Professional

Kubernetes Certified: Administrator (CKA), Application Developer (CKAD)

EDUCATION**University of California - Los Angeles, Westwood, Ca**

Information Systems, Computer Science Studies

Connecticut College, New London, Ct

BA Economics