

JERRY CASTILLE

Enterprise Architect | Identity, Agentic AI, and Knowledge Systems (On-Prem & Cloud)

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PROFILE

- **Identity & Cybersecurity Architecture** - Roadmap, platform, and program-level design across SailPoint, CyberArk, Okta, Ping, Oracle, and Delinea: IGA, PAM, SSO/MFA, and zero-trust for regulated enterprises, on-premises and cloud.
- **Cloud & AI Platform Architecture** - Secure AWS design and infrastructure-as-code, plus production agentic-AI platforms on Bedrock with RAG/GraphRAG knowledge layers and Model Context Protocol tool access.
- **The intersection of IAM x AI x Knowledge Management** - Agent and non-human identity, AI authorization, and governed knowledge substrates - where enterprises are most exposed as agentic systems reach production.

EXPERIENCE

AI Platform & Global Architecture Leadership

2023 - Present

Founder, QBase AI LLC - Keller, TX • VP, Global Architecture, Simeio Solutions - Atlanta, GA

- **Designed and shipped QSTACK**, a governed agentic-AI platform realized in three deployment forms: isolated customer AWS accounts using Bedrock, Knowledge Bases, and IaC; containerized **QStack Core** for data-center environments; and **QStack Studio** as a macOS application.
- **Reduced full tenant deployment from five weeks to minutes** through templating and repeatable infrastructure-as-code.
- Designed the **Organizational Cognitive Substrate (OCS)** - a governed RAG/GraphRAG knowledge architecture distilling enterprise knowledge into permissioned, persistent stores exposed to agents via Model Context Protocol (MCP).
- Architected **Aletheia**, an immutable AI-output transparency ledger delivering auditability and AI governance for regulated environments.
- Led global architecture across IAM, IGA, and PAM portfolios for a managed identity services business - strategic delivery, framework design, and technical capability development.
- Built an org-wide Knowledge Management Framework and piloted an AI assistant for delivery teams; adopted by **30+ architects** and cited in executive reporting for measurable efficiency gains.
- Architected high-trust, cloud-native IAM environments on AWS using GitOps and infrastructure-as-code; awarded the **2025 "Innovative Trailblazer of the Year."**

Chief Architect - Identity & Security Programs

2010 - 2023

PathMaker Group (acquired by Simeio Solutions) - Coppell, TX

- Principal architect and client-facing technical lead on enterprise identity programs across regulated industries - accountable for solution direction, architecture, and delivery oversight from strategy through production.
- Designed and deployed a scalable multi-tenant **IAM Managed Services platform on AWS**; implemented enterprise identity stacks spanning SailPoint, Oracle, CyberArk, Okta, Ping, IBM, and Delinea across IGA, PAM, SSO/MFA, and access governance.
- Built the internal R&D lab for capability development and customer simulations; mentored architects and standardized delivery templates and reusable framework components.

Enterprise Identity Architect

1999 - 2009

Mycroft, Inc. - New York, NY • IBM Global Services - Chicago, IL • Independent Consultant - Chicago / Tokyo / New York • ePresence - New York, NY

- Delivered full-stack identity deployments on Sun, Oracle, IBM Tivoli, and LDAP platforms for Fortune 500 and higher-education clients including **Princeton University, Sony Entertainment, Gartner, and Guardian Life**.
- Built custom Tivoli tooling (RACF password interceptor, configuration migration utilities), Active Directory architecture, and customer-facing identity portals for **CSX, LCRA, Exelon, CNA Insurance, ARCO Group, and Jacksonville University**.

TECHNICAL SKILLS

- **Identity & Security:** SailPoint (IIQ / Identity Security Cloud), CyberArk, Okta, Ping, Oracle IAM, IBM Tivoli, Delinea; IGA, PAM, SSO, MFA; zero-trust architecture; non-human and machine identity
- **Cloud & Infrastructure:** AWS (Bedrock, EC2, S3, Lambda, SageMaker, Glue, Neptune, CloudFormation); IAM policy design; VPC/network architecture; GitOps; infrastructure-as-code; API design
- **Agentic AI & Knowledge Systems:** AWS Bedrock, Anthropic Claude, OpenAI; RAG and GraphRAG; MCP; LLM orchestration and prompt engineering; n8n; Supabase

EDUCATION

B.S., Electrical Engineering and Computer Science - Massachusetts Institute of Technology. Graduate-level coursework in computer science and machine learning.