

## Summary

Katharine “Kacy” Clarke is a Technology Strategist and Enterprise Architect leading major technology transformations bringing 35+ years of technical leadership experience in consulting, product development and internal IT to bear when advising clients on technology strategy, architecture, design patterns, technology, organizational transformation, DevSecOps and cloud operating models. Her global financial services, healthcare and technology clients have been able to move thousands of workloads, and petabytes of data to the cloud safely and manageably, leveraging the cloud for digital innovation and deep insights, while ensuring scalability, resiliency, adaptability, security and regulatory compliance policies are embedded in all deployments.

## Experience

### **ArchFlare Consulting, LLC, *Founder/Managing Principal*, Boston, MA, (3/2023 – Present)**

Through Interim/Fractional CTO, technology advisory and consulting services, ArchFlare Consulting helps organizations embarking on product development and technology transformations to define future state architectures, drive innovation through modern engineering practices, implement new operating models, and launch new SaaS and platform services that can deliver the resiliency, security, compliance, scalability, cost efficiency and performance to support hypergrowth to highly regulated customers and organizations.

### **Microsoft, *Vice President, Customer Success, Azure Infrastructure*, Boston, MA, (6/2022 – 3/2023)**

#### Selected Projects/Initiatives:

- Global Customer Success leader driving FY23 Revenue: \$26B with a global team of 4000+
- Azure Core Execution Excellence Initiative – revised global customer opportunity delivery execution resulting in doubling the success rates of workloads migrated to the cloud within expected timeframes resulting in 300% improvement in ontime delivery
- Hybrid/Multi-cloud management with Azure Arc – team revised the Azure Well-Architected Framework for hybrid/multi-cloud operations and security and accelerating cloud migration
- Customer Cloud Capacity Management Acceleration – revised process for addressing customer blockers due to capacity and service availability to reduce cycle times and improve prioritization reducing resolution time by 50%
- Proactive Resiliency Improvement Initiative – created targeted customer outreach program to improve overall customer cloud architecture resiliency, reducing outages and duration of outage impacts. Assessments and implementation addressed architectural redundancies, monitoring, automation and operations for strategic customers
- Executive Sponsor for multiple Financial Services and Manufacturing customers representing \$17B in revenue
- Women in Cloud leader/mentor, career development advisor

### **Deloitte Consulting, *Managing Director, Cloud Engineering, Certified Chief Architect*, Boston, MA, (4/2019 – 6/2022)**

#### Selected Projects/Initiatives:

- Cloud Engineering Architecture GTM Lead over a team of 100+ of the most senior technical architects, driving best practices, account growth, risk reduction and technical career development.
- COO/CTO Program lead for a one of the largest US healthcare payers, overseeing cloud adoption, digital experience platform foundry, marketing technology refresh, DevSecOps adoption, CTO organizational strategy, and organizational transformation. Program delivered on time and on budget while achieving the business case of moving digital experience platforms to AWS and reducing new feature cycle times by 75%

- Program CTO / IT Strategist for the Participant Experience transformation of one of the largest retirement plan providers in the US. Led cloud architecture development and platform deployment for the digital experience transformation resulting in significant gains in customer satisfaction, application response times, resiliency, and manageability, while reducing overall cost of operations
- Leader / contributor to multiple offering development initiatives in Deloitte Cloud Strategic Growth Offering including HITRUST level Google Landing Zone, Cloud Operating Model, Cloud Human Capital Management, Cloud Managed Services, Cloud Cyber Security Integrated Offerings, DevOps Cloud Platform, and the Deloitte Cloud Accelerator foundational services automation library development
- Cloud Engineering DEI Lead
- Women in Cloud leader/mentor, career development advisor
- Board Member for the Deloitte Next Generation Architects Certification Program

#### **Cloud Technology Partners, Boston, MA and London, UK, (8/2011 – 1/2019)**

Cloud Technology Partners is a leading cloud professional services firm specializing in helping global enterprises transform their IT technology, organization, and processes to work at the speed and agility of the cloud.

##### ***Roles at CTP:***

- ***Vice President, Distinguished Architect, EMEA CTO/Delivery Lead***
- ***Vice President, Principal Architect, Group Lead***

##### ***Selected Projects:***

- EMEA Delivery Lead (London based, 02/2017 – 12/2018) responsible for establishing our professional services delivery team in the UK, selling and leading our initial engagements in EMEA to grow from \$0 to \$15M in the first 18 months, building a team of system architects, security architects, program managers, DevOps engineers, business analysts and developers from a variety of backgrounds to become cloud consultants. Refined methodology for the EMEA market, with particular emphasis on architecture and security patterns aligned with regulatory and compliance requirements unique to the region. Managed delivery integration with HPE Pointnext UK team.
- Lead Architect / Engagement Manager for large, global bank to migrate initial dev/test workloads to Amazon Web Services. Strategy, business case and implementation were so successful the client committed to going all in on AWS. They have since full migrated to AWS and Google, shutting down all of their data centers.
- Executive Lead for a UK asset manager with \$700B in assets under management as a division of a large global bank. Defined a cloud strategy, architecture and implemented a Minimum Viable Cloud with moving initial workloads to Microsoft Azure. Project delivered on time and on budget in 9 months and has set the standard for public cloud adoption for the overall global bank.
- Executive Lead for a multi-national stock exchange organization to define their cloud strategy, future state architecture, and organizational transformation for cloud. Project delivered on time and on budget, resulting in a full on commitment to migrating all technical assets to the public cloud.
- Lead Architect / Engagement Manager for large, global asset manager migrating regulated, production applications to Amazon Web Services. Built out a Minimum Viable Cloud of Infrastructure, Operations, Security and Automation and moved four (4) cloud refactored applications into production. Implemented new Cloud SDLC, DevOps, CloudOps, SecOps processes.
- Lead Architect for large, global capital markets systemic utility migrating regulated, production applications to Amazon Web Services. Defined cloud strategy, architecture and business case. Defined a Minimum Viable Cloud of Infrastructure, Operations, Security and Automation to move cloud refactored applications into production. Project reduced time to market for new application features by 50%.

**Omgeo, Senior Technical Architect, Boston, MA, (6/2008 – 8/2011)**

Omgeo is a subsidiary of the Depository Trust and Clearing Corporation (DTCC) providing post-trade, pre-settlement matching and data management services to 6000 broker-dealers, custodians, and investment managers worldwide via SaaS/community cloud architecture

*Selected Projects:*

- Created Omgeo’s data management technology strategy including database technology standards, data aggregation and integration approaches, data quality tools and techniques, data movement technologies including data replication and ETL technologies, reporting data architectures and tools, records retention, and data archiving
- Defined Omgeo’s strategic Compliance Architecture to enable long term adaptability of the technical infrastructure and application support for evolving global regulatory requirements
- Selected, architected, and implemented a new data quality system for the ALERT Standing Settlement Instruction system which supports the execution of 15,000 data quality and regulatory rules in real time and batch for 5 million complex settlement instructions

**Wellington Management Company, LLP, Boston, MA, Vice President, (11/99 – 6/2008)**

Wellington Management Company manages domestic and global equity, fixed income and multi-asset portfolios for institutional clients and mutual fund sponsors in over 40 countries. Assets under management total over US\$600 billion.

**Roles: Senior Manager, Software Technology and Architecture**

**Cambridge Technology Partners, Inc., Cambridge, MA, Director, (7/96 – 11/99)**

*Roles at Cambridge:*

- **East Area Technical and Delivery Manager (technical oversight of teams in 14 offices, \$65m annual project revenue)**
- **Group Technical Manager, Boston/Southern New England Group (\$25m annual project revenue)**

**Education**

- Rutgers University, M.S., Computer Science, Areas of Study: Artificial Intelligence, Database Architecture
- Kansas State University, B.A., Computer Science; Honors: Phi Beta Kappa, Phi Kappa Phi, Golden Key Honor Society, Dean’s List. Other Areas of Study: German, Economics
- Justus-Liebig University, Gießen, Germany, Full year study abroad program

**Selected Certifications, Presentations and Awards**

- Deloitte Tech Trends 2022: [IT, disrupt thyself: Automating at scale](#), Deloitte, December 2021
- [Cloud Migration: Ask The Experts](#), A Cloud Guru, June 2023
- [Anthem: Unlocking Data as the Catalyst for Healthcare 2.0](#), CIO Magazine, September 2021
- Splunk .Conf21: [HPE-Deloitte alliance targets flexible hybrid cloud solutions](#), November 2021
- “Building a Minimum Viable Cloud”, HPE Discover, Madrid, November 2017
- “Real-World Public Cloud at Scale in the Enterprise”, HPE Discover, Madrid, November 2017
- “Cloud Economics: From TCO to ROI”, CTP/AWS Oil and Gas Symposium, Houston, November 2016
- “Cloud Economics: From TCO to ROI”, CTP/AWS Cloud Symposium, New York, April 2016
- “Pragmatic Enterprise Application Migration to AWS”, Boston AWS Meetup, July, 2015
- “Applying Systems Thinking to Enterprise Application Migration to AWS”, Boston AWS Meetup, April, 2014
- “Moving Mission Critical Applications to the Cloud”, CloudExpo, New York, June 2014
- Amazon Web Services Certified Solutions Architect, Associate
- Kansas State University College of Engineering Department of Computer Science Advisory Board
- Kansas State University College of Engineering 2005 Professional Progress Award