

Stephanie Young

Solution Architect

Principal Solution Architect with 16 years setting technical direction for enterprise platforms in fintech and supply chain. Own architecture strategy at the portfolio level, influence product roadmaps, and serve as the senior technical authority in executive and customer escalations.

CONTACT INFORMATION



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Seattle, WA 12345

EDUCATION

M.S. Computer Science,
University of Washington, 2010

B.S. Computer Engineering,
University of Lagos, 2007

TOGAF 9 Certified

AWS Certified Solutions
Architect - Professional

KEY SKILLS

- Enterprise architecture strategy and portfolio governance
- Event-driven architecture (Kafka, Solace, Pulsar)
- Cloud platform design (AWS, Azure) at multi-region scale
- Distributed systems and high-throughput transaction processing
- API and integration architecture (REST, gRPC, GraphQL)
- Regulatory and compliance frameworks (PCI-DSS, SOC 2, SOX)
- Technical pre-sales and executive customer engagement

PROFESSIONAL EXPERIENCE

PRINCIPAL SOLUTION ARCHITECT | POLARIS CAPITAL MARKETS TECH, SEATTLE, WA, 2019 – PRESENT

- Set 3-year architecture roadmap for the post-trade settlement platform, a portfolio with \$47M annual run cost and 9 product lines
- Chartered the platform engineering function from scratch, hiring 18 engineers across two regions in the first 14 months
- Personally led architecture for the firm's largest deal of 2023, a 7-year managed services contract with a top-5 broker-dealer
- Reduced cross-team architecture review cycle time from about 5 weeks to 12 days by introducing tiered review tracks
- Represent engineering on the firm's AI governance council, authoring the LLM usage standard now adopted across 6 BUs

LEAD SOLUTION ARCHITECT | SEQUOIA TRADE LOGISTICS, BELLEVUE, WA, 2015 – 2019

- Led architecture for a global freight visibility product launched in 11 countries within 22 months
- Designed event mesh on Kafka and Solace processing roughly 1.2 billion events per day at peak
- Negotiated technical terms on partnership deals with two top-tier carriers, including data sharing and SLAs
- Built the architect career ladder used to promote 9 architects over four years
- Reduced platform incident MTTR from 4.5 hours to 70 minutes through observability and runbook investment

SENIOR SOLUTION ARCHITECT | CRESTLINE PAYMENTS, REDMOND, WA, 2011 – 2015

- Architected PCI-DSS Level 1 payment gateway processing about \$9B in annual volume
- Led tokenization initiative replacing card-on-file storage across 14 merchant integrations
- Owned vendor selection for HSM refresh, a 5-year contract worth \$3.4M
- Mentored 5 architects, three of whom moved into staff-level roles

SOLUTION ARCHITECT | CEDAR & VALE CONSULTING, TACOMA, WA, 2008 – 2011

- Architecture review boards and decision record practices
- Platform engineering and developer experience strategy
- Vendor evaluation and multi-million dollar contract negotiation
- Engineering org design and architect career laddering
- AI/ML governance and LLM enterprise adoption standards
- Delivered architecture for 6 SOA modernization engagements across banking and utilities
- Authored the firm's first integration reference architecture, used on subsequent engagements for several years
- Acted as technical lead on proposals ranging \$500K to \$4M
- Built internal training program on enterprise integration patterns