KANDYCE BOHANNON

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SUMMARY

Strategic technical leader with 15 years of experience driving developer productivity platforms, GenAI adoption, and large-scale cloud transformation. Proven record of building high-impact programs at AWS and 3M, scaling cross-functional delivery, and leading inclusive technical communities. Recognized speaker, innovator, and mentor focused on making teams faster, more creative, and more empowered.

CORE EXPERTISE

Cloud Architecture & GenAI Integration

Designing and scaling cloud-native platforms and GenAI solutions that enhance developer productivity, accelerate delivery, and improve customer experience

Technical Leadership & Delivery

Guiding cross-functional teams through ambiguity, fostering inclusive, high-performing cultures, and balancing innovation with operational excellence

Program & Product Strategy

Translating technical vision into actionable roadmaps, aligning engineering and product milestones, and ensuring measurable business outcomes

Stakeholder Engagement & Strategic Influence

Partnering across Legal, GTM, Finance, and Product to align strategy, de-risk delivery, and build executive confidence in technical decisions

Developer Productivity & Enablement

Building frameworks, automation, and tooling that empower engineers, reduce cognitive load, and drive continuous innovation

Community & Thought Leadership

Recognized speaker, mentor, and livestream host inspiring inclusion in tech and simplifying complex cloud and AI concepts for diverse global audiences

LEADERSHIP & VISIBILITY

- **Directed GenAI enablement initiatives at AWS,** defining repeatable frameworks, hands-on workshops, and leading train the trainer sessions that improved product adoption and developer velocity across 100+ enterprise accounts

- **Host of AWS She Builds Tech Skills** - global livestream series spotlighting women in technical roles; expanded reach to 25K+ viewers through career advice, technical deep dives, and live demos

- **Speaker, AWS re:Invent 2024** - "Bias Detection in LLMOps: Embedding ID&E into LLM Lifecycles"

- **Upcoming speaker, AWS re:Invent 2025** - "Amazon Q Developer CLI: A Lightning-Fast Coding Experience (DVT330)" - leading a chalk talk on agentic AI development and workflow automation

- **Workshop leader, AWS re:Invent 2025** - All Builders Welcome Grant Program, mentoring early-career technologists through building technical portfolios with GenAI integration

- **Mentored & community advocate** through University of Minnesota ACM-W and CodeSavvy programs; delivered cloud and AI workshops

- **Published technical blogs and enablement materials** on platform engineering, GenAI applications, and Kiro, influencing AWS partner and field adoption strategy

- **12x AWS certified** recognized for cross-domain expertise spanning architecture, AI/ML, security, and operations

- **Distinguished Alumni** from the McCoy College of Science and Technology at Midwestern State University (2022)

PROFESSIONAL EXPERIENCE

AMAZON WEB SERVICES   SENIOR SPECIALIST SOLUTIONS ARCHITECT — Q DEVELOPER

Feb 2025 — Present

Technical advisor for customers adopting Amazon Q Developer and Kiro, AWS's GenAI-powered coding assistants
- Designed scalable solutions and best practices for integrating GenAI assistants into developer workflows, improving code quality and velocity
- Led hands-on workshops and enablement sessions for 100+ enterprise accounts, accelerating adoption across the AWS ecosystem
- Partnered with product teams to translate customer insights into roadmap enhancements and feature requests
- Delivered educational content — blogs, trainings, and livestreams — to support scalable developer enablement
- Influenced internal strategy for agentic AI tooling through real-world customer implementations and best practices

AMAZON WEB SERVICES   SENIOR PRODUCT SOLUTIONS ARCHITECT

Feb 2024 — Feb 2025

Partnered with enterprise healthcare customers and AWS service teams to design data-driven platforms that accelerate research and optimize clinical operations
- Co-led initial development of a clinical trial optimization platform, integrating analytics, automation, and patient recruitment workflows to improve trial efficiency and compliance
- Collaborated with AWS engineering and data science teams to translate research requirements into scalable product capabilities
- Defined architecture, security, and governance standards for regulated healthcare workloads (HIPAA-compliant

AMAZON WEB SERVICES   SENIOR SOLUTIONS ARCHITECT

Aug 2021 — Feb 2024

Delivered architecture guidance and thought leadership for Fortune 100 clients across multiple industries
- Directed modernization initiatives leveraging AWS serverless technologies and developer productivity tools
- Authored AWS blogs and field enablement content driving adoption of GenAI and developer tooling
- Partnered with product engineering to influence new features through customer feedback loops

MEDTRONIC (PATIENT MANAGEMENT)   PRINCIPAL DEVOPS ENGINEER

Sept 2020 — Aug 2021

Led DevOps transformation for connected medical device platforms
- Built delivery dashboards and automated quality gates with SonarQube and CI/CD pipelines
- Partnered with QA, Security, and Regulatory to modernize release processes in a compliant environment

3M (CRSL & PSD)   SOFTWARE ARCHITECT / PRODUCT OWNER

Apr 2017 – Sept 2020

Certified product owner and software architect in Corporate Research Systems Lab (CRSL) and Personal Safety Division (PSD) leading AWS-based IoT and software modernization across two divisions
- Led roadmap alignment and delivery for a cross-division and cross-company IoT instrumentation platform supporting pilot plants for new abrasive product development
- Introduced CI/CD and agile practices that reduced release cycles by 50%
- Facilitated sprint demos and architecture reviews to align cross-functional stakeholders

3M (IPD & EEGL)   SOFTWARE ENGINEER

Feb 2011 – Apr 2017

Advanced through engineering roles in Infection Prevention Division (IPD) and Electronics and Energy Group Lab (EEGL) developing prototypes leading to patents and mobile-based applications for healthcare and industrial environments
- Led Android development and API design for Clean-Trace™ luminometer
- Authored formal documentation supporting FDA-regulated traceability and internal compliance
- Built AR/VR interfaces, wearable analytics, and IoT prototypes adopted in new product development

EDUCATIONAL HISTORY

M.S. in Computer Science – Midwestern State University, 2010
B.S. in Mathematics & Computer Science – Midwestern State University, 2008