Matheus Arrais

Worldwide Tech Leader, Cloud Operations & Principal Solutions Architect @ AWS
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Teaching cloud operations to run themselves, safely.

With 20 years in IT, I turn complex cloud ecosystems into resilient, self-healing environments. I lead AWS's worldwide Cloud Operations technical community — 2,200+ specialists designing operational solutions at scale — with deep expertise in AIOps, agentic operations, and modern observability.

I own the Cloud Operations track at AWS re:Invent, AWS Summits and AWS re:Inforce. I also run the AWS Cloud Operations Blog channel, which publishes 50+ posts a month from authors across AWS: 13,000+ posts to date and over 10 million unique views.

AgenticOps · AIOps · Observability

My current focus is autonomous agents for operations that enterprises can actually trust: pairing agentic incident response with the governance, guardrails, and audit trails that make autonomy safe in production.

I co-authored the AWS Certified Database Study Guide: Specialty (DBS-C01), and I write about agentic operations, cloud operations, observability, and DevOps.

TWO DECADES, IN FOUR FIGURES.

IN IT SINCE	COMMUNITY LED	AWS CERTIFIED	PUBLISHED
2007	**2,200+**	**10×**	**16**
Operations, cloud and security	Cloud Operations specialists, worldwide	Professional · Specialty · Associate	Wiley book · my AWS blog posts, 25k+ views

WHERE I'VE WORKED

Worldwide Tech Leader, Cloud Operations & Principal Solutions Architect · Amazon Web Services (AWS) CURRENT	2025 – now
Senior Worldwide CloudOps Specialist SA · Amazon Web Services (AWS)	2022 – 202
Senior Partner Solutions Architect · Amazon Web Services (AWS)	2021 – 202
Partner Solutions Architect · Amazon Web Services (AWS)	2019 – 202
MBA Professor · FIAP	2021
Senior Cloud Engineer · Autoglass Brasil	2018 – 201
Principal System Administrator · Vixteam Consulting and Systems	2016 – 201
Senior Network Administrator · Vixteam Consulting and Systems	2014 – 201
IT Analyst · ICM	2010 – 201
IT Intern · Pw Brasil Export	2007 – 200

WRITING, MOSTLY ABOUT OPERATIONS.

BOOK **AWS Certified Database Study Guide: Specialty (DBS-C01) Exam**	Co-author · Wiley	2023
How Banco BMG moved from reactive to autonomous operations with AWS DevOps Agent	AWS Cloud Operations Blog	2026
How Nubank automated disaster recovery with the AWS DevOps Agent	AWS Cloud Operations Blog	2026
Operating in the agentic era: AIOps sessions at re:Invent 2026	AWS Cloud Operations Blog	2026

Enhance your AIOps: Introducing Amazon CloudWatch and Application Signals MCP servers	AWS Cloud Operations Blog	2025

11 more posts are listed at matheusarrais.com/resume/#writing

TALKS, ON THE RECORD.

Elevate application and generative AI observability	AWS re:Invent 2025 · COP326
Dive deep on AWS cloud governance	AWS re:Invent 2024 · COP402
Unlocking business insights with AWS Config, featuring Itaú Unibanco	AWS re:Invent 2024 · COP326
Implementing end-to-end compliance on AWS, featuring BMW	AWS re:Invent 2023 · COP331
Build governance at scale with AWS Control Tower	AWS re:Invent 2020

15 more talks, webinars and interviews are listed at matheusarrais.com/resume/#speaking

VERIFIED, NOT JUST CLAIMED.

AWS Certified DevOps Engineer – Professional	AWS · 2020	AWS Certified Solutions Architect – Professional	AWS · 2020	AWS Certified Advanced Networking – Specialty	AWS · 2024
AWS Certified Security – Specialty	AWS · 2020	AWS Certified CloudOps Engineer – Associate	AWS · 2026	AWS Certified SysOps Administrator – Associate	AWS · 2019
AWS Certified Developer – Associate	AWS · 2019	AWS Certified Solutions Architect – Associate	AWS · 2018	AWS Certified AI Practitioner	AWS · 2025
AWS Certified Cloud Practitioner	AWS · 2019	CompTIA PenTest+ ce Certification	COMPTIA · 2025	CompTIA CySA+ ce Certification	COMPTIA · 2025
Certified in Cybersecurity (CC)	ISC2 · 2025	AWS AI Foundational (L100) Accreditation	AWS · 2025		

EDUCATION & LANGUAGES.

Doctor of Philosophy (PhD), Artificial Intelligence — In progress
University of the Cumberlands

Master of Science, Cybersecurity and Information Assurance — 2026
Western Governors University

Postgraduate, Data Science — 2020 – 202
Universidade Anhembi Morumbi

MBA, Strategic Management of Information Technology — 2014 – 201
Universidade Estácio de Sá

Bachelor of Science, Computer Science — 2010 – 201
Vila Velha University

Languages
English (full professional) · Portuguese (native) · Spanish (professional working)