

Raphael Moura

Senior Cloud Architect | Distributed Systems & Platform Engineering

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Goiânia, Brazil



LANGUAGES

English

Advanced

Português

Native

SUMMARY

Senior Cloud Architect & Staff Engineer with over 10 years of experience designing high-scale distributed systems. AWS Community Builder and Security Specialist.

Throughout my career, I have architected solutions for global companies (US, Ireland, Brazil), moving seamlessly between massive data pipelines (Kafka/Spark) and event-driven serverless architectures. My expertise lies in bridging the gap between business goals and technical implementation, ensuring systems are not just functional but also cost-efficient, secure, and resilient.

Current Focus: Cloud Native & Platform Engineering While I have deep roots in the Serverless ecosystem (sls.guru), I am actively expanding my toolkit into the Cloud Native landscape (Go, Kubernetes, gRPC) to solve infrastructure challenges where managed services hit their limits. I believe the future of architecture is hybrid: leveraging Serverless for velocity and Containerization/Go for high-performance compute.

Core Competencies:

- Architecture: Event-Driven Systems, Microservices, Disaster Recovery Strategy.
- Cloud & Infra: AWS (7x Certified), Modernization, FinOps.
- Data & Backend: Experience with Big Data pipelines (Kafka/Elasticsearch) and transitioning to Go for backend performance.

I am accustomed to working remotely for US/Global companies as a B2B Contractor.

EXPERIENCE

Senior Solutions Architect

[sls.guru](#)

02/2023 - Present Delaware, United States

Hyatt – Senior Cloud Architect

- Architected the backend for a global hospitality platform using AWS (Lambda, API Gateway, DynamoDB, AppSync).
- Maintained microservices for booking and guest apps.
- Implemented features in agile to ensure high performance.
- Conducted code reviews and streamlined deployments with IaC.

Air Canada – Technical Architect

- **Designed and documented** the end-to-end architecture, serving as the single source of truth for **7** engineering squads.
- **Reduced developer onboarding time by 34%** by creating comprehensive architectural diagrams and standardized technical documentation.
- **Accelerated the approval process** for new infrastructure features by translating complex requirements into clear, visual blueprints for stakeholders.
- **Defined serverless best practices** that improved system maintainability and ensured alignment with the airline's strict security and compliance standards.

Senior Cloud Solutions Architect

[GFT](#)

08/2022 - 02/2023 São Paulo, Brazil

Led the Operations Workstream in Localiza's Modernization project, overseeing a team of 30 specialists.

Senior Cloud Solutions Architect

[Francioni](#)

02/2022 - 06/2022 Dublin, Ireland

- Managed AWS services including Lambda, CloudFront, and API Gateway to maintain cloud infrastructure for 15 applications.
- Worked as a DevOps Engineer on Domestic and General, supporting development teams on applications.
- Worked with AWS (AWS Lambda, CloudFront, and API Gateway), Jira, Confluence, Python, and CloudFormation with Sceptre.
- Managed infrastructure utilizing a **Monorepo** strategy to streamline CI/CD for 15+ applications.
- Worked as a Cloud Solutions Architect at RioApps, helping modernize NYPDCMS software to improve functionalities for attorneys and public defenders' offices.

EXPERIENCE

Senior Cloud Solutions Architect

GFT

📅 04/2020 - 02/2022 📍 São Paulo, Brazil

- Acted as a Hands-On Solutions Architect in the modernization project for Itaú Unibanco.
 - Engineered massive-scale data pipelines using **Apache Kafka** and Spark, ensuring high throughput and fault tolerance for critical financial workloads.
 - Worked on delivering a custom Open API Framework to a client, focusing on backend development.
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Cloud Solutions Architect AWS

Infomach

📅 12/2018 - 03/2020 📍 Goiânia, Brazil

- AWS deployment and management services
 - Design a solution using architectural design principles based on customer requirement
 - Design available, cost-efficient, fault-tolerant, and scalable distributed systems on AWS
 - Build secure and reliable applications on the AWS platform a given technical requirement
 - Design and migrate workloads to the AWS Cloud
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Backup and Disaster Recovery Architect

Infomach

📅 06/2018 - 03/2020 📍 Goiânia, Brazil

- Create and maintain secure Backups
 - Architect Disaster Recovery or/and High Availability Solutions
 - Maintain backups secure and operational
 - Implementation, maintenance and configuration of products: Quest Rapid Recovery
 - Implementation, maintenance and configuration of products: Cloudberry
 - Implementation, maintenance and configuration of products: Veeam
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Security and Network Analyst

Infomach

📅 12/2016 - 12/2018 📍 Goiânia, Brazil

- Leveraged deep background in Network Security (McAfee ecosystem) to implement Security-by-Design in cloud architectures.
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EDUCATION

Associate's degree, Information Security

Faculdade de Tecnologia SENAC Goiás

📅 01/2016 - 12/2018

CERTIFICATION

AWS Learning: Serverless

Amazon Web Services (AWS)

AWS Certified Security - Specialty

Amazon Web Services (AWS)

AWS Certified Solutions Architect – Professional

Amazon Web Services (AWS)

AWS Certified Developer – Associate

Amazon Web Services (AWS)

AWS Certified SysOps Administrator – Associate

Amazon Web Services (AWS)

AWS Certified DevOps Engineer - Professional

Amazon Web Services (AWS)

AWS Certified Cloud Practitioner

Amazon Web Services (AWS)

AWS Certified Solutions Architect - Associate

Amazon Web Services

Management 3.0 Foundation Workshop

Management 3.0

COMMUNITY

Co-Organizer

AWS Community Day Brazil

📅 01/2021

One of the organizers of the event.

COMMUNITY

Co-Organizer

Cloud Summit Cerrado

📅 11/2019

One of the organizers of the event, and creator of the idea.

AWARDS



AWS Builder of the year (2025)

I was selected as AWS Builder of the year by the AWS LATAM community



AWS Community Builder

Producing content on AWS, for YouTube, Instagram, TikTok and LinkedIn.