

Hello there, I am

Taynan Rezende

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Senior Backend Engineer with 10+ years building and scaling distributed systems and high-throughput microservices. Focused on Go-based services, gRPC/REST APIs, and resilient cloud-native architectures on AWS and Kubernetes. Proven track record in reducing latency, cutting infrastructure costs, and delivering highly available platforms serving millions of users. Open to Senior Backend opportunities (Remote / US / Europe).

Experience

Senior Software Engineer (Contractor) – Coinbase (NYSE: COIN)

2025 – 2026

Engaged as a consulting engineer to design, build, and optimize backend services for CoinBiz – Coinbase's enterprise onboarding platform – enabling businesses to integrate with the largest US-regulated crypto exchange under strict KYC/KYB and federal compliance requirements (FinCEN / BSA).

- Implemented and maintained document validation workflows for driver's licenses, government IDs, and business documentation.
- Built and enhanced form validation pipelines for tax and compliance documents (W-9) supporting US regulatory requirements.
- Hardened the image upload and storage flow, increasing security and reliability for sensitive customer data.
- Developed and optimized Salesforce (SFDC) integrations to synchronize onboarding data and automate internal compliance processes.
- Built monitoring dashboards tracking onboarding volume, success/failure rates, and operational compliance signals across high-throughput flows.

Tech: Go, Kubernetes (EKS), Docker, AWS (DynamoDB, S3, Lambda), Kafka, Salesforce, Temporal Workflow, Rego (Open Policy Agent), Datadog, Prometheus, Terraform, GitHub.

Staff Software Engineer – iFood

May 2024 – Present

- Architect and optimize microservices for the promotions & campaigns platform serving 10M+ active users across LATAM.
- Reduced service response time from ~500ms to ~120ms (~76% improvement) by introducing concurrent goroutines and optimizing critical code paths, enabling 3x traffic growth.
- Identified and removed CPU/memory bottlenecks via Go pprof, reducing container resources by 30% and cutting AWS EKS costs by ~\$40k/year.
- Refactored a monolith into microservices, increasing deployment frequency from weekly to 20+ deploys/day with zero-downtime releases.
- Implemented monitoring (CloudWatch, Prometheus, Datadog, Grafana) with custom metrics and alerts, cutting MTTD from ~20min to <2min.
- Redesigned DynamoDB data model for an auction event pipeline processing 45B writes/month, reducing infrastructure cost from \$20k to \$1,800/month (91% reduction, \$218k/year saved) – no infrastructure migration.

Tech: Go, Kubernetes (EKS), AWS (Lambda, SQS, SNS, DynamoDB, S3), Docker, Helm, Kafka, Redis, PostgreSQL, Datadog, Prometheus, Grafana, Terraform, GitLab CI.

Senior Software Engineer – iFood

May 2021 – May 2024

- Maintained and evolved critical microservices for promotions and international LATAM operations (multi-currency & local compliance).
- Led migration of legacy services to Go + Kubernetes, improving resilience, maintainability, and operational cost.
- Optimized a campaign messaging pipeline on AWS SQS FIFO in Go, increasing throughput 60x (120 s → 2 s for 924 messages).
- Implemented unit, integration, and load testing strategies, increasing coverage and reducing production regressions.
- Collaborated with cross-functional international teams to adapt systems for Mexico and Colombia launches.

Tech: Go, Java, Kotlin, Spring, Kubernetes, Kafka, Redis, PostgreSQL, MongoDB, Prometheus, Grafana, Datadog.

Middle Software Engineer – iFood

Jul 2020 – May 2021

- Built serverless components (AWS Lambda, SQS) and high-throughput APIs in Go/Java to support LATAM expansion.
- Implemented monitoring/alerting dashboards (New Relic, Grafana) to ensure service health during peak loads.

Tech: Go, Java, Kotlin, AWS Lambda, SQS, SNS, Kubernetes..

Software Engineer – OOBJ (acq. by Avalara)

Sep 2018 – Jun 2020

- Developed high-volume Electronic Invoice processing systems handling millions of documents daily.
- Migrated a decade of SVN history to Git without data loss and rebuilt the CI/CD pipeline, cutting customer release time from 1+ working days to a few hours (~400–600 engineer-hours reclaimed/year).
- Architected integrations with JMS and Amazon SQS/SNS; optimized PostgreSQL/MongoDB queries for reporting performance.

Tech: Java EE, Spring, JMS, AWS SQS/SNS, PostgreSQL, MongoDB, Redis

Software Engineer – TOTVS

Dec 2016 – Jul 2018

- Built POS systems for large supermarket chains with offline capabilities and high availability.
- Won 1st place in an internal hackathon with an AI-powered multi-channel chatbot (Skype, WhatsApp, Facebook Messenger) that automated L1 enterprise support – anticipating RAG-based patterns adopted industry-wide years later.

Tech: Java, Spring, PostgreSQL, Oracle.

Software Engineer – SIGEP

Apr 2016 – Dec 2016

- Developed municipal management applications (public accounting, payroll).

Tech: Java EE, Spring, SQL Server, SVN.

System Analyst – Araguaia Sistemas

Jun 2015 – Apr 2016

- Technical support and SQL reporting; DB maintenance.

Soft Skills

Collaborative and team-oriented with a strong problem-solving mindset. Effective at working with diverse teams and navigating different technical perspectives. Clear and direct communicator in technical discussions. Active mentor with a curiosity-driven approach to learning and a strong focus on engineering best practices, code quality, and continuous improvement.

Hard Skills

Languages: Go, Java, Python.

Cloud & Infra: AWS (EKS, Lambda, SQS, SNS, S3, DynamoDB), Kubernetes, Docker, Helm, Terraform.

Messaging & Data: Kafka, Redis, PostgreSQL, MongoDB, DynamoDB.

Databases & Storage: PostgreSQL, MySQL, MongoDB, Redis.

Observability: Datadog, Prometheus, Grafana, CloudWatch, New Relic.

Tools: Git, GitLab CI, k6, pprof.

Education

Universidade Paulista – Degree in Systems Analysis and Development

Jan 2018 – Aug 2020