[tom] Thompson Mota Garcia
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About:
A self-taught developer who went to tell one computer what to do (suddenly there were dozens of it... and now there are hundreds) and is currently working to improve reliability in large-scaled distributed systems through automation alongside the pillars of observability (logs, metrics, traces).

Languages:
- Fluent english
- Native Portuguese
- Average Spanish

Technical knowledge:
- AWS, GCP
- ArgoCD, Git, GitHub Actions, Jenkins, Spinnaker
- Containerd, Docker, Kubernetes, ECS
- Prometheus, Grafana, Graylog/Kibana, Jaeger
- Javascript, Clojure, Golang, Python, Bash
- Terraform, Atlantis
- Kafka, RabbitMQ, PubSub, SQS, Elasticsearch, MongoDB, PostgreSQL, Datomic
- HTTP, Websocket, gRPC

Site Reliability Engineer
2021 - current
Jusbrasil
- Managed AWS/GCP environments terraforming through Atlantis
- Employed GitOps practices with ArgoCD
- Developed features for tracking Kubernetes pricing for each company's cost-center
- Estabilished Kubernetes constraints with OpenPolicyAgent to prevent resources out of good practices premises
- Implemented distributed tracing with Jaeger and OpenTelemetry for Kubernetes applications
- Established protocol-agnostic Prometheus metrics standards amongst our services

Site Reliability Engineer/DevOps Advocate
2019 – 2021
Descomplica
- Maintained AWS infrastructure through Terraform
- Assisted engineering teams about infrastructure and continuous delivery matters
- Developed automated delivery pipelines from GitHub events and Jenkins builds to Spinnaker deployments
- Provisioned, managed, and monitored Kubernetes clusters
- Performed incidents troubleshooting and implemented solutions/alerts/runbooks to prevent/dealing with them
- Fought against a ransomware hacking attempt and prevailed (thanks to AWS support)
- Developed distributed load tests for benchmarking features and drawing their limits

Site Reliability Engineer/DevOps Advocate
2018 – 2019
IBM Brazil - Global Financing
- Worked following agile methodology paradigm
- Developed containerized environments encapsulating our microservices mostly written in NodeJS
- Ratecard automation development for IGF in which I have performed creation, management and monitoring on plenty OpenShift clusters hosted by platforms such as BlueCloud and IBMCloud

... Software engineering since 2008