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# Fábio Luciano Nogueira de Góis

## Platform Engineer | CNCF Kubestronaut | DevEx Specialist

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🌐 <https://fabioluciano.com>

## PROFESSIONAL SUMMARY

Platform Engineer with 10+ years of experience, specialized in reducing developer cognitive load through Internal Developer Platforms (IDP) and Golden Paths. CNCF Kubestronaut holding all 5 Kubernetes certifications, with expertise in cloud-native technologies, DevSecOps, and GitOps culture.

Proven track record: 25%+ cloud cost reduction (FinOps), 40%+ MTTR improvement through proactive observability, and 100% auditable infrastructure. Focused on Developer Experience, DORA metrics, and AI-assisted infrastructure automation.

## </> TECHNICAL SKILLS

### Platform Engineering

Internal Developer Platforms (IDP), Backstage, Golden Paths, Platform as a Product, Self-Service Infrastructure

### Cloud & FinOps

AWS (EKS, Lambda, S3, RDS, CloudFormation, IAM), Azure (AKS, Azure DevOps, ARM Templates), GCP (GKE, Cloud Build, Cloud Functions), Cost Optimization & FinOps, Spot Instances & Preemptible VMs, Karpenster & Cluster Autoscaler, Multi-Cloud Architecture

### Infrastructure as Code

Terraform (AWS/Azure/GCP Providers), Crossplane (Universal Control Plane), Ansible & Ansible Tower, Pulumi (Go/Python/TypeScript), CloudFormation & CDK, HashiCorp Vault, Terragrunt & Atlantis

### Container Orchestration

Kubernetes (CKS, CKA, CKAD certified), Helm Charts & Helmfile, Kustomize & Overlays, Docker & Podman, containerd & CRI-O, Kind & k3s, Kubernetes Operators

### CI/CD & GitOps

ArgoCD & Flux, GitHub Actions & GitLab CI, Tekton Pipelines & Triggers, Jenkins & Blue Ocean, Harness & Spinnaker, Azure DevOps Pipelines, GitOps Workflows & Patterns

### DevSecOps

SonarQube & SonarCloud, Snyk & Dependabot, Trivy & Gripe, SAST/DAST/IAST/SCA, OPA/Gatekeeper & Kyverno, Falco Runtime Security, Admission Controllers

### Observability

Prometheus & Alertmanager, Grafana & Grafana Loki, OpenTelemetry & Jaeger, ELK/EFK Stack (Elasticsearch, Fluentd), Datadog & New Relic, DORA Metrics & SLI/SLO, Distributed Tracing

### Developer Experience

DORA Metrics (Lead Time, MTTR), Docs-as-Code (MkDocs, Docusaurus), CLI Development (Go, Node.js, Python), Developer Portals & Backstage, API Design & REST/GraphQL, Technical Documentation, Developer Onboarding & Self-Service

### Programming Languages

Go (Kubernetes Operators, CLI Tools), Python (Automation, FastAPI), Shell Script (Bash, Zsh), JavaScript/TypeScript (Node.js, React), Rust (Systems Programming), PHP (Laravel, Symfony), YAML & JSON (Configuration)

### Service Mesh & Networking

Istio, Linkerd, Envoy Proxy, Network Policies, CNI (Calico, Cilium), Load Balancing

### Cloud Native Storage

CSI Drivers, Persistent Volumes, StatefulSets, Velero (Backup), MinIO, Rook Ceph

### API Management

Kong Gateway, Ambassador, OpenAPI/Swagger, GraphQL, Rate Limiting, API Versioning

### Databases & Message Brokers

PostgreSQL, MySQL, Redis, MongoDB, Apache Kafka, RabbitMQ

### Policy & Governance

Open Policy Agent (OPA), Gatekeeper, Kyverno, Policy as Code, Compliance Scanning, RBAC

## 🌐 LANGUAGES

Portuguese	English	Spanish
Native speaker	Upper-intermediate (B2)	Basic (reading, writing, speaking)

## PROFESSIONAL EXPERIENCE

### Platform Engineering Specialist @ SICOOB Bank

2025 → Now

- Architected and implemented Internal Developer Platform (IDP) to accelerate digital financial product delivery with focus on compliance and governance
- Established cloud-native security standards with policy-as-code (OPA/Gatekeeper) and continuous scanning for LGPD and banking regulations compliance
- Designed multi-cloud resilient infrastructure with Kubernetes and service mesh to support mission-critical transactions with 99.9%+ SLA
- Implemented advanced FinOps strategies, optimizing cloud costs by 30%+ through intelligent automation and ML-based right-sizing
- Developed Golden Paths and custom CLI tools to reduce banking application developer onboarding from weeks to days
- Built end-to-end observability with OpenTelemetry and Prometheus for proactive monitoring of critical APIs and real-time fraud detection
- Led legacy system migration to cloud-native architecture, ensuring zero downtime and complete auditability through GitOps and ArgoCD
- Established Platform as a Product culture, collecting Developer Experience metrics and implementing continuous feedback loops for platform evolution

### Platform Engineer @ MATERA SYSTEMS

2023 → 2025

- Designed and implemented Internal Developer Platform (IDP) integrating CI/CD and resource provisioning, reducing Time-to-Market for new microservices by 60%
- Standardized Terraform and Crossplane modules for self-service provisioning of EKS clusters and RDS databases
- Managed Kubernetes fleets with 500+ nodes, optimizing cloud costs (FinOps) by 25% through Spot instances and Karpenster
- Implemented DevSecOps pipelines with GitHub Actions, integrating SonarQube for static analysis and Snyk for vulnerability scanning
- Structured observability ecosystem with Prometheus, Grafana, and OpenTelemetry, reducing MTTR by 40%
- Migrated configuration management to ArgoCD (GitOps), ensuring 100% versioned and auditable infrastructure state
- Leveraged AI tools for infrastructure code generation and test automation, increasing team productivity by 30%

### Tech Lead @ ActDigital

2022 → 2023

- Technical leadership, assisting colleagues in tasks, and creating individual development plans
- Conducted technical interviews for internal client teams
- Designed multicloud solutions for internal client projects with focus on cost optimization
- Planned and assessed on-premises to cloud migration strategies with FinOps principles

### Tech Lead - Developer Experience @ PicPay

2020 → 2022

- Implemented DORA Metrics dashboards (Deployment Frequency, Lead Time for Changes), identifying Code Review bottlenecks
- Revamped developer portal and technical documentation (Docs-as-Code), reducing new hire setup time from 5 days to 4 hours
- Acted as Developer Advocate bridging product and infrastructure teams to collect feedback and implement custom CLI tools
- Implemented new continuous deployment strategies with Helm and Harness, improving deployment frequency by 45%
- Developed CI strategies using Tekton Pipelines with integrated security scanning
- Created Ansible playbooks for CI/CD strategy migration support
- Promoted best practices in code governance and API design
- Developed CLI tools to reduce toil and automate repetitive tasks

### Solutions Architect @ SONDA IT

2018 → 2020

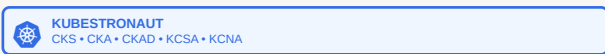
- Infrastructure as code setup with Terraform and CloudFormation for Software Factory solutions
- Setup of CI/CD tools (Jenkins, SonarQube, Sonatype Nexus, GitLab)
- Load balancing and scalability setup for CI/CD tools and applications with HAProxy
- Automating configuration and settings in tools using Apache Groovy
- Private cloud setup for on-demand resource orchestration
- Private cloud and app deployment using IaC with Ansible, Fabric, and Docker Compose
- CI/CD environment configuration across geographically distributed environments
- CI/CD process definition for application security and quality
- Automated testing (JUnit, PHPUnit, Karma, Jasmine, Cucumber, Codeception, Behat, Cucumbejs) setup for applications
- Cloud-based solutions design using AWS and Microsoft Azure

### Software Architect @ CTIS Tecnologia

2016 → 2017

- Development and maintenance of microservices architecture
- Deployment of tools to support DevOps philosophy
- Microservices log analysis and automation triggers with LogStash
- Microservices monitoring using Prometheus
- CI/CD pipeline creation for Java(JEE), Angular.js, and PHP projects
- Docker container setup for microservices orchestration
- Load balancing and high availability setup with HAProxy
- Automated deployment of microservices with Ansible

## CERTIFICATIONS



**AWS Certified Solutions Architect - Associate** • Amazon Web Services

**AWS Certified Cloud Practitioner** • Amazon Web Services

**LPIC-OT DevOps Tools Engineer** • Linux Professional Institute

**Zend Certified PHP Engineer** • Zend Technologies

**LPIC1 - Linux Professional Institute Certified Level 1** • Linux Professional Institute

## 🎓 EDUCATION

### Postgraduate

Distributed Software Architecture  
Pontifícia Universidade Católica de Minas Gerais

### Undergraduate

Systems Analysis and Development  
Centro Universitário IESB

### Extension Course

Information Technology Support  
Centro Universitário IESB

### Extension Course

Systems Analysis and Design  
Centro Universitário IESB

## OPEN SOURCE PROJECTS

### tmux-powerkit

The Ultimate tmux Status Bar Framework with 42 plugins, 32 themes, contract-based architecture and intelligent caching system

### Kubestronaut

Complete guide to mastering Kubernetes and earning KCNA, CKA, CKAD, CKS, and KCSA certifications — become a Kubestronaut!

### Personal Blog

Blog where I discuss topics related to software development and solutions using open source tools

### Integr8

Open source project focused on implementing continuous integration / deployment / quality pipelines

## 🎤 TALKS & PUBLICATIONS

### Using GraphQL with VueJS for Building APIs

2020-02  
Speaker at Canoas/RS presenting about GraphQL integration with VueJS

### Containers for Anxious People

2020-01  
Speaker at Brasília/DF and Campina Grande/PB presenting container fundamentals