

Fábio Luciano Nogueira de Góis

Platform Engineer | CNCF Kubestronaut | DevEx Specialist



Contact

✉ me@fabioluciano.com
📞 +55 (61) 981455884
📍 Brasília, Distrito Federal
🌐 Website

Social Networks

📝 Blog
🔗 GitHub
🔗 LinkedIn
🐦 Twitter
🔗 Telegram

📄 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.

💼 PROFESSIONAL EXPERIENCE

Platform Engineering Specialist at **SICOOB Bank**

2025-06 — Present

- 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 at **MATERA SYSTEMS**

2023-03 — 2025-05

Digital Twin Department

- 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 Karpenter
- 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 at **ActDigital***Leadership Department*

2022-07 — 2023-01

- 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 at **PicPay***Developer Experience Department*

2020-07 — 2022-01

- 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 at **SONDA IT***Software Factory Department*

2018-01 — 2020-07

- 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, Cucumberjs) setup for applications
- Cloud-based solutions design using AWS and Microsoft Azure

Software Architect at **CTIS Tecnologia***Ministry of Science and Technology*

2016-07 — 2017-12

- 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

Software Architect at **CTIS Tecnologia***Ministry of Development, Industry, and Trade*

2016-04 — 2016-07

- Development and maintenance of service-oriented architecture (SOA)
- Architectural implementation using Phalcon PHP, Symfony, and Laravel
- DAO component implementation for cross-architecture reuse
- AngularJS architecture development
- Systems architectural documentation
- Application deployment documentation
- Job creation and maintenance in Jenkins
- Security guidelines for software projects
- Static analysis policies for quality assessment
- Software quality monitoring with SonarQube
- Version management with Sonatype Nexus

- Application containerization POC creation

Software Architect at **CTIS Tecnologia**

Ministry of National Integration

2015-03 — 2015-12

- SOA development and maintenance
- Dual backend architectures in Laravel (PHP) and Spring (Java)
- Frontend architecture with AngularJS
- AngularJS component scaffolding tool creation
- Systems architectural documentation
- Jenkins job creation and maintenance

PHP Developer at **CTIS Tecnologia**

Ministry of National Integration

2014-02 — 2015-03

- Backend development and maintenance with PHP frameworks Zend, Symfony, and Laravel
- Frontend development and maintenance using HTML, JavaScript (JQuery), and CSS

EDUCATION

Postgraduate

Distributed Software Architecture

Pontifícia Universidade Católica de Minas Gerais • 2019

Undergraduate

Systems Analysis and Development

Centro Universitário IESB • 2012

Extension Course

Information Technology Support

Centro Universitário IESB • 2013

Extension Course

Systems Analysis and Design

Centro Universitário IESB • 2012

CERTIFICATIONS



CNCF KUBERNETES CERTIFICATIONS

Kubestronaut • Kubernetes Security Specialist (CKS) • Kubernetes Administrator (CKA) • Kubernetes Application Developer (CKAD) • Kubernetes and Cloud Native Security Associate (KCSA) • Kubernetes and Cloud Native Associate (KCNA)

AWS Certified Solutions Architect - Associate

Amazon Web Services • 2018-10

AWS Certified Cloud Practitioner

Amazon Web Services • 2018-09

LPIC-OT DevOps Tools Engineer

Linux Professional Institute • 2018-09

Zend Certified PHP Engineer

Zend Technologies • 2016-02

LPIC1 - Linux Professional Institute Certified Level 1

Linux Professional Institute • 2012-03

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, Karpenter & 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

CI/CD & GitOps

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

Observability

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

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)

Cloud Native Storage

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

Databases & Message Brokers

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

Container Orchestration

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

DevSecOps

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

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

Service Mesh & Networking

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

API Management

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

Policy & Governance

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

LANGUAGES

Portuguese

Native speaker

English

Upper-Intermediate (B2)

Spanish

Basic (reading, writing, speaking)

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**

2020-02

Using GraphQL with VueJS for Building APIs

Speaker at Canoas/RS presenting about GraphQL integration with VueJS

2020-01

Containers for Anxious People

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