

# Fábio Luciano Nogueira de Góis

## Cover Letter

Passionate about **Technological Innovation** and **Open Source Software**, I hold a degree in **Systems Analysis and Development** and am currently pursuing a postgraduate degree in **Distributed Software Architecture**. I also have certifications in **Software Engineering and Development** and **Cloud Solutions Architecture**.

Currently, I am researching topics related to **Developer Experience**, **Developer Tools**, and other related subjects.

My primary experience and passion lie in **Solution Architecture**, utilizing major *vendors* (**AWS**, **Azure**, and **GCP**) for **Cloud Computing** as well as *on-premises* deployments. I have extensive experience in **Containerization** and **Orchestration** of applications (Kubernetes and Docker Swarm), always using **Infrastructure as Code (IaC)** to manage resources. Additionally, I have extensive experience in designing and implementing **Continuous Integration**, **Continuous Validation and Verification**, and **Continuous Deployment** pipelines.

In application development, I have experience with **JAVA**, **Python**, **PHP**, **ECMAScript**, **GO**, **Rust**, and **Shell Script**.

## Personal Information

### Contacts

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📞 Phone: 55 (61) 981455884

💬 Skype: fabiolucianodf

📍 Location: [Brasília, Brasil](#)

### Social Media / Websites

🐙 [Github](#) | [in LinkedIn](#) | [🐦 Twitter](#) | [📠 Telegram](#)

[Personal Blog](#) - Blog where I discuss topics related to software development and solutions using open source tools;

[Resume](#) - This project's target page, which uses AsciiDoc, Python, Docker, and Shell Script to build the resume;

[Integr8](#) - Open source project focused on implementing continuous integration / deployment / quality pipelines;

[Inputs](#) - Project for sharing open source electronics (keyboards, switches, and keycaps).

## Academic

**Distributed Software Architecture** - Postgraduate

🏫 Pontifícia Universidade Católica de Minas Gerais 📅 2019 - present

**Systems Analysis and Development** - Undergraduate

🏫 Centro Universitário IESB 📅 2012 - 2014

**Information Technology Support** - Extension Course

🏫 Centro Universitário IESB 📅 2013 - 2013

**Systems Analysis and Design** - Extension Course

🏫 Centro Universitário IESB 📅 2012 - 2012

## Events and Trainings Conducted

Using GraphQL with VueJS for Building APIs

🗣 Speaker 📅 02/2020 📍 Canoas / RS

Materials: [Presentation](#) | [Supporting Material](#)

## Containers for Anxious People

🗣️ Speaker 📅 01/2020 📍 Brasília / DF

**Materials:** [Presentation](#) | [Supporting Material](#)

## Containers for Anxious People

🗣️ Speaker 📅 11/2019 📍 Campina Grande / PB

**Materials:** [Presentation](#) | [Supporting Material](#)

## Languages

**Portuguese** Native language

**English:** Reading (advanced), writing (advanced), and speaking (advanced)

**Spanish:** Reading (basic), writing (basic), and speaking (basic)

## Certifications

### Certified Kubernetes Administrator

📋 Cloud Native Computing Foundation 📅 10/2024 - 10/2026 📄 [LF-3p8x4h8k9y](#)

### Certified Kubernetes Application Developer

📋 Cloud Native Computing Foundation 📅 09/2024 - 09/2026 📄 [LF-5offxxtx08](#)

### Kubernetes and Cloud Native Security Associate

📋 Cloud Native Computing Foundation 📅 11/2024 - 11/2026 📄 [LF-dmz92j500k](#)

### Kubernetes and Cloud Native Associate

📋 Cloud Native Computing Foundation 📅 10/2024 - 10/2026 📄 [LF-ave7twx7wn](#)

### AWS Certified Solutions Architect - Associate

📋 Amazon Web Services 📅 10/2018 - 10/2023 📄 [EZE0CYJ2KB4QQ094](#)

### AWS Certified Cloud Practitioner

📋 Amazon Web Services 📅 09/2018 - 09/2020 📄 [KZMW4WL21B44QN94](#)

### LPIC-OT DevOps Tools Engineer

📋 Linux Professional Institute 📅 09/2018 - 09/2023 📄 [LPI000397664](#)

### Zend Certified PHP Engineer

📋 Zend Technologies 📅 02/2016 - ∞ 📄 [ZEND026303](#)

### LPIC1 – Linux Professional Institute Certified – Level 1

📋 Linux Professional Institute 📅 03/2012 - ∞ 📄 [LPI000397664](#)

## Technical Knowledge

- Planning and executing infrastructure migration from *on-premises* to the cloud;
- Defining virtual networks as well as security and identity policies in a cloud environment;
- Manual and automated provisioning of computational resources in a cloud environment;
- Efficient application containerization;
- Design, implementation, and deployment of integration, quality, and continuous deployment pipelines;
- Clustering of containerized applications;

## Solution Architecture

### DevOps Architecture

**Tools:** Terraform, Vault, Consul, Vagrant, Packer, Ansible, Fabric

**Application Cluster:** Kubernetes, Docker Swarm;

**CI Tools:** Jenkins, Travis, Tekton, JenkinsX;

**CD Tools:** Spinnaker, Harness, ArgoCD;

**Other Tools:** Helm, Rundeck, Sonarqube, Sonatype Nexus, and Artifactory;

**Monitoring Tools:** Prometheus, Elastic Stack (Elasticsearch, Logstash, Kibana), Fluentd;

**Build Tools:** Makefile, Grunt, Gulp, Webpack, Maven, Gradle, Composer, and Rake;

**Deployment Strategies:** Blue/Green, Canary, A/B, Rolling Update;

**Container Runtimes:** CRI-O, containerd, and Docker;

## Cloud Architecture

### Amazon Web Services (AWS)

**Network:** VPC, Internet Gateway, Subnets, Network ACLs, Security Groups, VPNs, Peering Connection, CloudFront, Route 53, API Gateway;

**Compute:** EC2, Lambda, Serverless;

**Storage:** S3, EBS, EFS, AWS Backup;

**Database:** RDS, DynamoDB, ElastiCache;

**Development/CI/CD:** CodeStar, CodeCommit, CodeBuild, CodeDeploy, CodePipeline, Cloud9, X-Ray;

**Management and Governance:** AWS Organizations, CloudWatch, CloudFormation, CloudTrail;

**Security, Identity, and Compliance:** IAM, Cognito, Secrets Manager, Directory Service, Guard Duty;

**Application Integration:** Amazon MQ, Simple Notification Service, Simple Queue Service, SWF;

**Cost Management:** AWS Cost Explorer, AWS Budgets;

**Containers:** Elastic Container Registry, Elastic Container Service, Elastic Kubernetes Service.

## Software Architecture and Development

### Programming Languages

PHP, Python, Java, JavaScript, Shell Script, C, Perl, (X)HTML, and CSS

### PHP

**Version Diversity:** PHP 7 and 8;

**Frameworks:** Laravel 4/5, Zend Framework, Symfony, CakePHP, CodeIgniter, Kohana, Smarty Template Engine, FuelPHP, and lithium;

**CMS:** Drupal, Joomla, and WordPress;

**Tools and QA:** APC, PHPUnit, Xdebug, phpDocumentor, and PEAR/PECL.

### JavaScript / ECMAScript

**Metaprogramming Languages:** TypeScript and CoffeeScript;

**Frameworks:** BackboneJS, AngularJS, Angular.io, VueJS (Vuex), and Ember.js;

**Template Engines:** Jade, Haml, Handlebars, and EJS;

**Task Runners:** Grunt, Gulp, and Broccoli;

**Others:** Yeoman, Sass, and Less

## System Administration

- Installation, configuration, maintenance, and tuning of:
  - Linux servers (Debian derivatives, RHEL, OpenSUSE, and Alpine);
  - Application servers such as Apache Httpd, Nginx, Lighttpd, Cherokee, JBoss AS, and Wildfly;
  - Database servers like MySQL, PostgreSQL, and Oracle Database;

## Other

**Databases:** Extensive experience with ANSI SQL, MySQL, PostgreSQL, Oracle, SQLite, NoSQL (MongoDB, CouchDB, etc.).

**Best Practices:** Extensive experience with object-oriented principles and design patterns.

**Others:** Regular Expressions, Web Services (XML/JSON-RPC, REST, SOAP, GraphQL, etc.).

# Professional Experience

## DevOps Analyst

03/2023 to Present |  [MATERA](#) |  Digital Twin

### Keywords

Cloud Computing, Azure, AKS, Kubernetes, Terraform, Tekton.

## Tech Lead

07/2022 to 01/2023 |  [ActDigital](#) |  Leadership

### Keywords

Leadership, Cloud Computing, Azure, AKS, Kubernetes, OpenShift.

## Tech Lead

07/2020 to 01/2022 |  [PicPay](#) |  Developer Experience

### Keywords

Leadership, Cloud Computing, AWS, Pipelines, CI/CD, Quality, Rundeck, Kubernetes, Helm, Harness, Tekton.

## Solutions Architect

01/2018 to 07/2020 |  [SONDA IT](#) |  Software Factory

### Keywords

Cloud Computing, AWS, Azure, Terraform, Ansible, Docker, Java, PHP, CAS, Microservices, DevOPS, Jenkins, Angular, GitLab, Nexus, SonarQube, CI/CD, LogStash.

## Software Architect

07/2016 to 12/2017 |  [CTIS Tecnologia](#) |  Ministry of Science and Technology

### Keywords

Java, PHP, CAS, Microservices, DevOPS, Jenkins, Angular, GitLab, Nexus, SonarQube, CI/CD, LogStash.

## Software Architect

04/2016 to 07/2016 |  [CTIS Tecnologia](#) |  Ministry of Development, Industry, and Trade

### Keywords

SOA, PHP, Phalcon, Symfony, Laravel, DAO, Architecture, AngularJS, Jenkins, SonarQube, Nexus, Docker, Container.

## Software Architect

03/2015 to 12/2015 |  [CTIS Tecnologia](#) |  Ministry of National Integration

### Keywords

SOA, PHP, Java, Laravel, Spring, AngularJS, Jenkins.

## PHP Developer

02/2014 to 03/2015 |  [CTIS Tecnologia](#) |  Ministry of National Integration

**Keywords**

PHP, Zend Framework, Symfony, Laravel, HTML, JavaScript, JQuery, CSS.