

# Lucas Pires Simão

Brazilian, married, 40 years

[linkedin.com/in/lucaspiressimao/](https://www.linkedin.com/in/lucaspiressimao/)

## OBJECTIVE

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DevOps Engineer / Cloud Architect

## WORK EXPERIENCE

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### **QikServe** <https://qikserve.com/>

At QikServe, a digital ordering system & hospitality payment solution, I am responsible for:

#### **Senior DevOps Engineer (Dez 2023 – present)**

- Infrastructure automation using Terraform, Shell Script, PowerShell
- Continuous integration and delivery with Jenkins
- Monitoring and logging with DataDog
- Architecture using AWS services (ECS, EKS, IAM, Auto scaling, Lambda, S3, RDS, Control tower, and others)
- Building and maintaining CI/CD pipelines to accelerate software development and delivery.

**Technologies used:** Bitbucket, AWS Services, MySQL, Postgres, Linux, Docker, Bash script, S3, Terraform, Kubernetes, ShellScript

**Achievements:** Automation of partners certificates and APIs verification, log and alert any problem, enhance monitoring and load testing.

### **Hyperlocal** <https://hyperlocal.com.br/>

At Hyperlocal, a holding company with integrated service platforms for payment methods, order hubs, and health and wellness solutions, I am responsible for:

#### **Senior DevOps Engineer (Jan 2023 – Dez 2023)**

- Infrastructure automation using Terraform, Ansible, Lambda (Python), and Shell Script
- Continuous integration and delivery with Azure Devops, Github, and Jenkins
- Monitoring and logging with Grafana, Cloudwatch, and ELK
- Architecture using AWS services (ECS, EKS, IAM, Auto scaling, Lambda, S3, RDS, Control tower, and others)
- Container orchestration, implementing and managing ECS environments to optimize service scalability and availability.
- Building and maintaining CI/CD pipelines to accelerate software development and delivery.

**Technologies used:** Azure Devops, Github, AWS Services, MySQL, Postgres, Linux, Cloudflare, Docker, Bash script, S3, Terraform, Kubernetes, Python, Ansible

**Achievements:** Recreating the deployment environments of an entire company with three main objectives: FinOps, performance, and creation of new infrastructure architecture.

**Worc** <https://www.worc.com.br>

A social impact company that connects people with job opportunities in Bars and Restaurants.

**Senior DevOps Engineer (Nov 2021 – Jan 2023)**

- Develop and maintain integrated publication pipelines using Gitlab and AWS Codepipeline to ensure an efficient and reliable continuous delivery process.
- Create and manage ECS service clusters on AWS, focusing on optimizing performance and scalability.
- Implement advanced DNS routing solutions with Cloudflare and Route53.
- Create and maintain RDS databases, including SQL Server, MySQL, and Postgres, with a special focus on high data availability and security.
- Implement and maintain secure VPN services using Pfsense.
- Create pre-built images for ECS containers using Docker, optimizing software development with shorter build times.
- Apply auto scaling strategies, ensuring efficient resource scaling in response to demand fluctuations.
- Configure and manage alerts via Cloudwatch for real-time monitoring and rapid response to critical system issues.

**Technologies used:** Gitlab, Codepipeline, ECS, Route53, Application LB, Network LB, SQL server, MySQL, Postgres, Linux, Windows, Pfsense, Lambda, ELK, CloudWatch, Docker, Bash script, S3, Terraform, kubernetes

**Achievements:** Build from ground up the new Worc AWS account, setting from the beginning all services .

**Quero 2 Pay** <https://www.quero2pay.com.br>

Quero 2 Pay is a payment technology company operating nationwide, and I oversaw its merger with companies from other sectors, resulting in the formation of a holding company. Throughout this evolution, I was involved in the following activities:

**DevOps Engineer (Jul 2020 – Dec 2021)**

- PCI DSS and PCI PIN certification.
- Creation and maintenance of CI/CD pipelines (Gitlab, AWS CodePipeline).
- Configuration of service clusters on AWS (ECS).
- Implementation of Web Application Firewall (WAF).
- Creation of RDS databases (SQL Server, MySQL, Postgres).
- Development and maintenance of a VPN server (Pfsense).

- Creation and maintenance of a Vault server (HashiCorp).
- Creation of pre-built images for Docker containers.
- Establishment and maintenance of alert and monitoring services.
- Migration of GPC services to AWS.
- Creation and maintenance of an OCS machine inventory service.

**Technologies used:** Gitlab, Codepipeline, ECS, Route53, Application LB, Network LB, SQL server, MySQL, Postgres, Linux, Windows, Pfsense, Lambda, ELK, CloudWatch, Docker, Bash script, S3, Terraform

**Achievements:** Build the new automated application deployment architecture from scratch. Certify company as PCI DSS compliance, initiate PCI PIN process. Carry out the approval with the ELO, Master and Visa.

older experiences : [linkedin.com/in/lucaspriessimao/](https://www.linkedin.com/in/lucaspriessimao/)

## ACADEMIC / EDUCATIONAL BACKGROUND

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- MBA in Cybersecurity FIAP 2023
- Degree in Systems Analysis FATEC 2015
- Degree in Marketing and advertising FACEF 2006

## CERTIFICATION

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- AWS: Monitoring and Reporting (Linkedin) **04/2022**
- PCI ISA (Payment Card Industry) **06/2021**
- PCIP (Payment Card Industry) **06/2021**
- Professional DevOps (IGTI) **05/2021**
- DevOps & Agile Culture (FIAP) **04/2021**
- Scrum Fundamentals **02/2017**
- 16-CPRE-FL-00069-BR - IREB (Institute of Requirements and Engineering Board) **09/2016**

## LANGUAGES

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- Portuguese - Fluent
- English - Advanced
- Spanish - Intermediate

## EXTRACURRICULAR ACTIVITIES

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- English CCBEU / Cultura Inglesa / FACEF
- Node, React e React Native course RocketSeat - 2019 -2020
- Ingênico SDK Embedded System Development course - 2014
- EMV course Paysmart - 2014
- Object Oriented course with Java Coursera / ITA - 2018

## OPEN SOURCE PROJECTS MAINTAINED

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- Note for one: <http://notefor.one/>