

# Fernando Cabral F. Rosa

SITE RELIABILITY ENGINEER - DEVOPS

Santana de Parnaíba - SP - Brazil

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## Summary

I have more than 10 years of professional experience, mostly in support and systems administration positions, but also did a little bit of software development, primarily for automation.

Worked as the IT Infrastructure Coordinator at Dafiti Group, managing a team of 10 people responsible for keeping the systems for 3 e-commerces, that together, are listed in the top 15 e-commerce in Brazil as reported by Retail and Consume Brazilian Society (SBVC).

Today, I'm working as IT Infrastructure Manager at Stoodi, where I'm responsible for the whole platform's cloud infrastructure, maintaining the website uptime, CI/CD pipelines, tests environments, etc.

Since early age I developed an interest for technology, starting to study C and Java with 12 years old, and maintaining Linux machines for study and personal use since 15 years old.

## Skills

<b>DevOps</b>	AWS, Docker, Packer, Terraform, Jenkins, CircleCI
<b>System Administration</b>	Linux, Nginx, Icinga, Newrelic, ELK, VictorOps, PagerDuty
<b>System Architecture</b>	LAMP, PHP-FPM, uWSGI, Redis, RabbitMQ
<b>Programming</b>	Shell Script, Python, PHP, Git
<b>Misc</b>	PCI-DSS, Performance Tuning
<b>Languages</b>	Portuguese (mother tongue), English (fluent), Spanish (basic)

## Experience

### Stoodi Ensino a Distância

IT INFRASTRUCTURE MANAGER

São Paulo - SP

Mar. 2018 - Present

Stoodi is platform for distance learning, focused in the ENEM exam, and as IT Manager:

- I'm responsible for the production and tests AWS environments' infrastructure.
- Member of Information security committee.
- Migrated the version control system from Mercurial to Git.
- Migrated all web servers from Apache to Nginx.
- Implemented CI/CD workflows with CircleCI using Ansible, Terraform and Packer.
- Replaced Newrelic with an in-house stack using the Elastic Stack (Elasticsearch, Kibana, Filebeat, Metricbeat and Heartbeat).

### Dafiti

IT INFRASTRUCTURE COORDINATOR

São Paulo - SP

Jan. 2016 - Mar. 2018

Global Fashion Group (GFG) is a group formed by Rocket Internet and other investors, consisting of major fashion e-commerces around the world, in Brazil represented by Dafiti, Kanui and Tricae. Working as an IT Coordinator:

- I was responsible for the infrastructure team, that maintained production and test environments.
- Merged Kanui and Tricae's infrastructure into Dafiti's, migrating both stacks from AWS to colocation.
- Reduced incidents, and time to solve them, by automating and documenting solutions.
- Implemented cache at CDN level for the Dafiti's mobile public API.
- Negotiate with vendors and partners, such as Akamai, AWS, Level3.
- Designed and delivered 4 new services as first steps towards a microservice architecture.
- Responsible for approvals regarding infrastructure changes, like firewall rules, to keep the environment PCI-DSS compliant.

### Kanui Comércio Varejista

LEAD SYSTEM ADMINISTRATOR

São Paulo - SP

Jul. 2014 - Jan. 2016

Before being merged with Dafiti, Kanui had its own infrastructure and there:

- I was responsible for the e-commerce migration from colocation to cloud, hosted on AWS, and its management making use of reserved and spot instances where available and auto scaling in order to make the infrastructure more cost effective.
- Along with the CTO, talked with vendors and partners for new services, support and best practices.
- Developed internal tools and a dashboard to automate development instances, so developers could launch and terminate their own instances without compromising security.

### Kanui Comércio Varejista

LEAD SYSTEM ADMINISTRATOR

São Paulo - SP

Jul. 2014 - Jan. 2016

Rocket Internet is a German company that creates and invests in several startups, in its office in São Paulo I was member of the infrastructure team, where:

- I was responsible for the e-commerce migration from colocation to cloud, hosted on AWS, and its management making use of reserved and spot instances where available and auto scaling in order to make the infrastructure more cost effective.
- Along with the CTO, talked with vendors and partners for new services, support and best practices.
- Developed internal tools and a dashboard to automate development instances, so developers could launch and terminate their own instances without compromising security.

## Orolix Desenvolvimento de Software

SYSTEM ADMINISTRATOR

Orolix was a dial-up internet provider in São Paulo, in which the user would receive back some of the money they spent while connected. Working there:

- Kept the infrastructure running in a colocation, monitoring power usage, and hardware parts in general.
- Managed webservers and application servers for the website, and the Radius services used for users' authentication.
- Helped with the migration from all servers in bare metal to virtualization with Xen.
- Migrated all users accounts to Zimbra Collaboration Suite.

São Paulo - SP

Nov. 2007 - Aug. 2011

## Intec Telecom System

TRAINEE

Intec Telecom Systems is a provider of Business Support System (BSS) software and related services for the telecommunications industry, having clients all around the world, some of them between world's top 100 telecom companies. As a trainee:

- Implemented an interconnection billing system for a client in Chile.
- Developed a C application to improve the performance of a mediation system for a client in Jamaica.
- Studied interconnection and activation systems.

São Paulo - SP

Apr. 2007 - Nov. 2007

## Grupo InterCompany

TRAINEE

Grupo InterCompany is a company that develops solutions and products for IT infrastructure, and IBM Gold Business Partner. There I did:

- Linux support on-site and over the phone.
- IBM i5 OS and AS400 support over the phone.

São Paulo - SP

May 2006 - Apr. 2007

## Education

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### Universidade Anhembi Morumbi

B.S. IN COMPUTER SCIENCE

São Paulo - SP - Brazil

2006 - 2011

### 4Linux

INFORMATION SECURITY, ENTREPRENEURSHIP AND ETHICS.

São Paulo - SP - Brazil

2005 - 2006