

# Giovanni Rossini

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## Summary

DevOps engineer with professional experience in large-scale environments using Linux and Unix, including design and installation of systems and services, configuration, sizing, automation, capacity planning, containers, docker, Kubernetes, networks, security, and integration in heterogeneous environments. I believe that teamwork is the key to achieving success in any organizational team.

Experience in programming scripts in Python and Shell, in developing applications for Linux and Unix platforms, creating pipelines, and automate tasks and processes.

Experience in monitoring mixed environments, including containers, virtual machines, appliances, and physical servers.

Skills: Amazon Web Services • Ansible • Azure • BrowserStack • Buddy Works • Continuous Delivery • Continuous Deployment • Continuous Integration • DevOps • Docker • Git • GitHub Actions • Golang • Google Cloud Platform • Google Kubernetes Engine (GKE) • Grafana • Infrastructure • Jenkins • Kubernetes • Linux • Microserviços • MongoDB • New Relic • Node.js • Pipeline Development • Prometheus • Puppet • Python • Ruby • Shell script • SQL • Terraform • Windows server • Zabbix

## Experience

### Site Reliability Engineer

Bees Brasil

Oct 2021 - Present (1 year +)

Azure and AWS cloud administration

Monitoring using New Relic for Alerts, Synthetics and Dashboard with provisioning using infrastructure as code with Terraform/Terragrunt

Environment automation tools with IaC using Chef and Ansible

Docker and Kubernetes container administration and configuration with Argo CD

Troubleshooting a complex environment using various tools like New Relic, Argo CD, FullStory, Azure

Monitoring, Mongo Atlas, Cloud AMQP, Amazon CloudWatch, UP Trends

Performing with MongoDB, MySQL, Firebase, AppCenter, Azure DataFactory

CI/CD with Azure DevOps Pipelines

Script development using Python and Flask

Agile practices with Kanban using Jira

### DevOps Architect & SRE

e-plugin

Oct 2019 - Present (3 years +)

Responsible for creating and maintaining Cloud environments on AWS.

- Build and maintain Docker

- IaC with Ansible, Terraform and CloudFormation

- CI/CD with Bitbucket Pipelines and Github Actions

- Shell and Python scripting

- Observability with Grafana, Prometheus, NetData and Cloudwatch  
Working with RDS, Cloudfront, Route53, ACM, ALB, WAF, S3, Opensearch Service, ElastiCache, ECR, ECS, EKS, Aurora, EC2...

## **Site Reliability Engineer**

Getnet Brasil

Jul 2021 - Oct 2021 (4 months)

## **SRE & DevOps Architect**

TOTVS

May 2019 - Jul 2021 (2 years 3 months)

Responsible for creating, automating, managing, and maintaining the high-performance and available cloud environment.

- Responsible for implementing and maintaining CI / CD (Buddy Works and Github Actions)
- Development of scripts using Python and Shell
- Infrastructure automation using Terraform and Ansible focused on disaster recovery
- Management of environment variables with Vault
- Create and maintain mixed environments, virtual machines, and Kubernetes, with Azure, Google Cloud Platform (GCP), and Amazon Web Services (AWS)
- Create and maintain Cloud SQL, Storage, Network, Firewall, and DNS environments
- Create and maintain proxy's with HaProxy, NGINX, and Traefik
- Create and maintain monitoring environments with ELK and Stackdriver
- Create and maintain development structures using Docker (Docker and Docker Swarm)
- Responsible for maintaining and propagating the culture of DevOps
- Support for teams to automate their tasks
- Automation for QA's

## **DevOps Engineer**

UOL

Oct 2018 - May 2019 (8 months)

Focusing on deployment and automation, in an environment of high performance and availability.

- Continuous Integration - Jenkins
- Infrastructure Automation - Puppet and Ansible
- Automation Deployment & Orchestration - Jenkins
- Container Concepts - Docker
- Orchestration - Kubernetes
- Cloud - AWS.



## **DevOps Consultant**

Instituto Soma

Oct 2018 - Jan 2019 (4 months)

Contributing to the maintenance and improvement of pipelines, continuous integration and delivery. As well as in the project architecture using DevOps culture tools and concepts for continuous improvement of delivery and deployment processes.



## **Infrastructure Analyst**

Ferragut Soluções em T.I.

Aug 2017 - Oct 2018 (1 year 3 months)

Working with:

- Windows Server (2008 R2, 2012, 2012 R2, 2016 e 2019 - AD DS, AD LDS, AD FS, DNS, DHCP, NPS, TS, File Server, Print server);
- Linux (CentOS, Ubuntu Server e Debian - nginx, apache2, fail2ban, Samba, iptables, OCS Inventory, Zabbix, Bacula, Grafana, Prometheus e Graylog);
- E-mail (G Suite e Office 365);
- PfSense (Roteamento, Firewall, VPN IPSec, OpenVPN, DNS, DHCP, Zabbix Proxy, Snort);
- Switchs (HPE, H3C, 3COM, Aruba e Cisco);
- Virtualização (VMWare ESXi 5, 5.5, 6, 6.5, 6.7 e 7- Hyper-V 2012 R2 e Server 2019);
- Bancos de dados (SQL Server 2016, MariaDB/mysql, Postgres11);
- Zabbix (Server, Proxy, criação de template com MIBs, integração com e-mail, Telegram);
- Storage (HPE, IBM e Dell);
- Servers (HP, Dell, IBM/Lenovo);
- Soluções de Backup (Veeam Backup & Replication 9.5, 10 e 11);
- Telefonia IP (Issabel);
- Service desk e boas praticas (ITIL V3).



## **DevOps Engineer & SysAdmin**

Instituto Soma

Jul 2017 - Sep 2018 (1 year 3 months)

Responsible for creating and maintaining the AWS environment for our systems

- Create and maintain Dockerfiles
- Create and maintain docker images
- Responsible for implementing CI / CD using GitLab
- Responsible for maintaining and propagating DevOps culture among teams
- Development of Python and Shell scripts
- Support for teams to automate their tasks
- Automation of everything possible
- Network management
- User management
- Responsible for innovation and bringing new tools and technologies
- Mixed environments such as Unix / Linux and Windows



## **Infrastructure and Network Trainee**

Tilibra

Dec 2016 - Jul 2017 (8 months)

- Intermediate server maintenance
- Server management
- Network management

- Monitoring of networks and computers



## **Support Trainee**

Tilibra

May 2016 - Dec 2016 (8 months)

- End-user, infrastructure-oriented support
- Basic computer maintenance
- Helpdesk



## **Information Technology Help Desk Support**

Grupo Multicobra

Aug 2015 - May 2016 (10 months)

- End-user support for the system used
- Development of SQL's
- Administrative routines
- Remote customer service
- HelpDesk



## **Telemarketing**

Grupo Multicobra

Aug 2013 - Jul 2015 (2 years)

## **Education**



### **Universidade Paulista**

Bacharelado, Ciência da Computação

2015 - 2018

I dropped out

## **Licenses & Certifications**

### **DevOps Foundation**

11906185

### **AWS na Prática**

11907966



### **Scrum Foundation Professional Certificate - CertiProf**



### **DevOps Essentials Professional Certificate - CertiProf**

### **Agile Scrum Foundation**

13390888



## **Essential Google Cloud Infrastructure: Foundation - Coursera**

2BEQ9LXXGZEQ



## **Google Cloud Platform Fundamentals: Core Infrastructure - Coursera**



## **Essential Google Cloud Infrastructure: Core Services - Coursera**



## **Elastic Google Cloud Infrastructure: Scaling and Automation - Coursera**



## **Uncomplicating Kubernetes - LINUXtips**

32750208



## **Uncomplicating Docker - LINUXtips**

23158448



## **Uncomplicating Istio - LINUXtips**

32942906



## **Container Expert - LINUXtips**

37425821

## **Skills**

Supporte para Help Desk • Redes LAN-WAN • Hardware • Grafana • Google Kubernetes Engine (GKE)  
• GitHub • Buddy Works • DevOps • New Relic • BrowserStack