

# Axel Barres Paschoa

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Campinas, SP - Brazil

## summary

Computer Engineer and DevOps enthusiast, have been working with complex systems for nearly 10 years. During this decade, helped at different areas of expertise, like database administration, automation, lifecycle of applications, Linux Administration, IaaS, Kubernetes, CI/CD, cloud administration, etc. Actually, I have a SRE role @ZupIT in a SRE team that keeps the platform (from the beginning with the definition of architecture to new features, to workloads and databases running in high availability production environment) for about ten development teams deliver their software to an huge brazilian bank.

## working experience

### • CPQD (2012 - 2019)

- Intern
- Support Technician
- Support Analyst

#### Contributions

- Automation of process using Ansible
- Fully workflow to the creation of environments using Rundeck/Jenkins + Ansible + Shell
- Creation, maintenance of Docker Images and deploy of containers using Docker
- Monitoring tools using Grafana, Zabbix, Prometheus, NetData
- Install JVM applications at different platforms(Weblogic, Wildfly, Jboss)
- Creation of scripts for various activities using bash, shell, awk, python, ansible, etc..
- Configuration of WebServers(Apache,NGINX)
- Database administration experience (Oracle/PostgreSQL)
- Support to a map orientated application created by CPQD, known as Gerencia da Planta

### • ZUP (2019 - )

#### • SRE

#### Contributions

- Guiding the creation of the terraform standard used today at the projects I collaborate and empowered the developers to run their own IaaS through atlantis
- Critical role at Microsoft Azure to AWS migration
- Experience with Jenkins, creating and maintaining the shared libs and working with the development teams to build a even more robust gitops experience using AWS CodeBuild

- Have been working to deliver a new observability experience for the teams:
- Changing from cloudwatch to use the grafana stack - With this changes, logs, traces and metrics are available at one view - Build totally with opensource software (fluent-bit, loki, prometheus, cortex and grafana) - Helping teams to deliver more stable software with strong JVM tuning knowledge
- Critical collaboration to the migration of workloads from Docker Swarm to Kubernetes
- Continually working for a better release of the code in production, with less impact to the final client
- Working designing our deliver pattern to Kubernetes using helm
- Automate everything mindset, using several languages/tools

## technical skills

**Programming** Shell script, Python, Golang, AWK, Groovy, SQL

**Databases** Oracle, PostgreSQL, MongoDB, Redis, Couchbase, Elasticsearch

**System Administration** Linux

**Cloud Computing** Microsoft Azure, AWS

**Automation** Jenkins, Rundeck, Helm

**Deliver** Jenkins, AWS CodeBuild

**Automation** Rundeck, Helm

**Configuration** Ansible

**IaaS** Terraform

**Container Orchestrators** Docker Swarm, Kubernetes

**Observability** Grafana Stack, Zabbix, Netdata, Prometheus Stack, Cloudwatch, Graylog, Splunk

**WebServers** Apache, Nginx

**JVMs** WildFly, Weblogic, JBoss

**General Skills** Git, Vim

## education

Metrocamp IBMEC, Campinas, São Paulo

- Degree in computer engineering

FIAP, São Paulo, São Paulo

- MBA in DevOps Engineering and Integration Architectures

# idioms

- English (Advanced)
- Spanish (Intermediate)