Rafael Dutra

Brazilian, living at Porto Alegre/RS, raffaeldutra@gmail.com

Personal Statement

14+ years of experience in Information Technology, Network Administration, Infrastructure analysis, working especially with GNU/Linux.

3+ years working with PHP development and Laravel.

In the last 5 years, I've been working mainly on Infrastructure automation (Infra as Code) and containerization with Docker.

Work Experience

DBServer (https://dbserver.com.br) - DevOps Engineer

Technology company - Porto Alegre/RS. May/2019 - current

Working on site for Sicredi.

- Full cicle automation using Packer, Terraform, Ansible for AWS with Gitlab).
- Blue/Green environments on AWS.
- Ansible Roles for Kubernetes cluster multi master strategy.
- Hashicorp Consul and Vault
- Metric collection for Hashicorp Consul using Spring Boot.
- TDD (Test-driven development) for Ansible Roles.

Stefanini | IT Solutions and IT Staffing (https://stefanini.com) - DevOps Engineer

Technology company - Porto Alegre/RS. Aug/2018 - May/2019

- Deployment and infrastructure automation using (Docker, Docker Compose, Bash, Terraform, Ansible Puppet) and Cloud-init.
- AWS (Elastic Cloud Computing (EC2), Elastic Block Storage (EBS), Relational Database Service (RDS)).
- Document internal tools used at AWS.
- Continuous Integration (Git, Gitlab)
- Created modules for Terraform to manage records at AWS Route 53 (DNS)
- Created modules for Terraform to manage zones at AWS Route 53 (DNS)

Jive Software (https://jivesoftware.com)

Aurea Company (https://aurea.com) Technology company - Portland - Oregon - United States. Jan/2018 - Jul/2018

- Deployment and infrastructure automation (Docker, Docker Compose, Bash and Puppet).
- Internal support tools.
- AWS (Elastic Cloud Computing (EC2), Elastic Block Storage (EBS)).
- Documentation of internal tools used at AWS.

- Documents processes and procedures required.
- Job Scheduler (Rundeck).
- Continuous Integration (Git, Bitbucket, Jenkins)
- Logs and metrics monitoring (Datadog and Flapjack).

PoaTek IT Consulting (http://poatek.com)

Technology company - Porto Alegre/RS. Oct/2016 - Jan/2018

Working on site for AGCO (Agriculture Corporation).

AGCO - IT Specialist

- Deployment and infrastructure automation (Docker, Docker Compose, Bash and Puppet).
- Continuous integration (Git, Bitbucket, Bamboo).
- Logs and metrics monitoring (Elasticsearch, Logstash, Grafana + Telegraf and InfluxDB).
- Environment automation development (VirtualBox, Vagrant, Packer, Linux, Preseed).
- Job Scheduler (Rundeck).
- Build tools (Gradle and Apache Maven).
- Linux server administration (Ubuntu Server).
- Documents processes and procedures required for developers.
- Learns new applications and functionalities as required.
- Participates in special projects, usually involving implementation of a new tool or application.
- Vagrant.
- Shell Scripts.
- Ruby.

Education

- 2017/1 – Information Technology Security UNISINOS - São Leopoldo/RS. Not completed.

- 2010/1 – 2011/2 – Network Computers Centro de Tecnologia em Automação e Informática, Florianópolis/SC, SENAI/SC. Not completed.

- 2008/1 – 2009/1 – Information Technology Security UNISINOS - São Leopoldo/RS. Not completed.

- 2004/1 – 2007/1 – Network Computers Certificate Escola Estadual de Educação Profissional em Estrela, Estrela/RS.

Languages

- Intermediate English for writing and speaking.
- Advanced English for listening and reading.

Courses

- 2019/2 - 2º FOSSDay Bento Gonçalves - Bento Gonçalves/RS.
- 2019/2 - 2º FOSSDay Lajeado - Lajeado/RS.
- 2018/2 - Docker Crash Course for busy DevOps and Developers - Udemy
- 2018/2 - DevOps Foundation - Estabilis - São Paulo/SP.
- 2018/2 - AWS hands on - Estabilis - São Paulo/SP.
- 2017/1 - Puppet Fundamentals - Instruct - São Paulo/SP (24 hours) - Agenda.

- 2012/2 - Lean Software Development - WildTech - Porto Alegre/RS.
- 2011/2 - Accessing the WAN - Cisco Networking Academy - Florianópolis/SC
- 2011/1 - Lan Switching and Wireless - Cisco Networking Academy (recommendation letter) - Florianópolis/SC.
- 2010/2 - Routing Protocols and Concepts - Cisco Networking Academy (recommendation letter) - Florianópolis/SC.
- 2010/1 - Network Fundamentals - Cisco Networking Academy (recommendation letter) - Florianópolis/SC.

Presentations

- 1º Google Developers Group em Lajeado - Ansible automation - Lajeado/RS.
- 1º Google Developers Group em Lajeado - Cloud resources automation using Terraform - Lajeado/RS.
- 3º CloudUp - Infraestrutura como código com Terraform - Porto Alegre/RS.
- 2º FOSS Day Bento Gonçalves - Infrastructure as code - Terraform - Bento Gonçalves/RS.
- 2º TcheLinux Lajeado - Introdução ao Docker - Lajeado/RS.

Workshops

- 1º FOSSDay Lajeado - Docker Workshop - beginner and intermediate.
- 1º FOSSDay Bento Gonçalves - Docker Workshop - beginner and intermediate.

Terraform Modules

- Digital Ocean Droplet
- Digital Ocean Project

Ansible Galaxy

- Google Chrome Role
- Github repository
- Travis

Vagrant Boxes

- Debian 8.8.0 amd64 Docker CE
- Debian 8.6 amd64 Docker

Docker Hub images

- Docker Ansible
- Github repository
- Docker Terraform
- Github repository
- Docker Ansible
- Github repository

Events/Conferences

- 2019/2 - 2º FOSSDay Lajeado - Lajeado/RS.
- 2018/2 - Kinghost Connection - Online.
- 2018/2 - 1º FOSSDay Bento Gonçalves - Bento Gonçalves/RS.

- 2018/2 - [DevOpsDay](#) - [Agenda](#) - [Porto Alegre/RS](#).
- 2018/1 - [Google Onboard](#) - [Porto Alegre/RS](#) - [Agenda](#)
- 2018/1 - [1º FOSS Day Lajeado](#) - [Lajeado/RS](#).
- 2017/2 - [The Developers Conference - DevOps](#) - [Porto Alegre/RS](#).
- 2017/2 - [The Developers Conference - Containers](#) - Porto Alegre/RS.
- 2017/2 - [DevOpsDay](#) - [Agenda](#) - [Porto Alegre/RS](#).
- 2017/1 - [2º TcheLinux Lajeado](#) - Lajeado/RS.
- 2016/1 - [1º TcheLinux Lajeado](#) - Lajeado/RS.
- 2010/2 - [5º Solisc - Congresso Catarinense de Software Livre](#) - Florianópolis/SC.
- 2010/1 - [11º Fórum Internacional de Software Livre (FISL)](#) - [Porto Alegre/RS](#).
- 2009/1 - [10º Fórum Internacional de Software Livre (FISL)](#) - [Porto Alegre/RS](#).
- 2008/1 - [9º Fórum Internacional de Software Livre (FISL)](#) - [Porto Alegre/RS](#).
- 2007/1 - [8º Fórum Internacional de Software Livre (FISL)](#) - [Porto Alegre/RS](#).
- 2006/1 - 7º Fórum Internacional de Software Livre (FISL) - [Porto Alegre/RS](#).

Meetups

- 2019/11/15 - [1º Google Developers Group em Lajeado](#) - https://gdglajeado.dev/
- 2019/12/04 - [Cloud Native POA](#) - Zenvia - Porto Alegre/RS
- 2019/05/30 - [Lançamento da Comunidade Cloud Native POA](#) - Zenvia - Porto Alegre/RS
- 2018/05/30 - [14° Docker Meetup](#) - SENAC - Porto Alegre/RS
- 2017/07/26 - [Microservices and Docker](#) - PUC - Porto Alegre/RS
- 2017/06/20 - [10º Docker Meetup](#) - PUC - Porto Alegre/RS
- 2017/02/09 - The news about Docker 1.13 - PUC - Porto Alegre/RS
- 2017/01/16 - 12º Continuous Delivery - PUC - Porto Alegre/RS

Online events

- [AWS Essentials Day](#).
- [Serverless + Azure Functions](#).

Podcasts (Portuguese)

- [Opencast Reboot, FOSSDay e notícias](#)

Videos on Youtube

- [Playlist Docker](#) (Portuguese content)
  - [Docker Swarm](#) (Portuguese content)
  - [Docker Compose](#) (Portuguese content)

Posts

- 2020/01/07 - https://blog.4linux.com.br/introducao-ao-terraform/
- 2020/01/16 - https://blog.4linux.com.br/terraform-parte2-alterando-sua-infraestrutura-de-forma-incremental/
- 2020/01/30 - https://blog.4linux.com.br/terraform-parte3-criando-dependencias-entre-recursos/
- 2020/02/29 - https://blog.4linux.com.br/terraform-parte4-criando-modulos/
- 2020/03/17 - https://blog.4linux.com.br/terraform-parte5-versionando-a-sua-infraestrutura/
- 2020/03/24 - https://blog.4linux.com.br/terraform-parte6-utilizando-modulos-com-outros-modulos/