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LEANDRO SOUZA CARNEIRO

Site Reliability Engineer with good knowledge in Cloud Computing, Kubernetes, GNU / Linux systems, API Gateway, Git and DevOps Culture. Working in a high throughput company with fully Cloud Environment.

Objective: SRE / DevOps / IT Infrastructure areas.

Academic Background:

Course: Computer Engineering
Degree: Bacharel - B.S.
Conclusion: Dec/2012
Institution: Universidade São Francisco

Course: Computer Technician
Degree: Technical
Conclusion: Dec/2007
Institution: Colégio Divino Salvador

Certification:

Title: Terraform Associate
Company: HashiCorp
Issued: Sep/2019
Valid Until: Sep/2021

Languages:

English
Level: Fluent

Portuguese
Level: Native

Exchange Course:
Course: English for non-Americans
Degree: 1 month
Conclusion: Mar/2014
Institution: ELS Language School - Silicon Valley

Professional background:

iFood
out/2018 - Present
SRE

ADTsys Software
mar/2018 - sep/2018
Senior IT Infrastructure Analyst II

Programarte Consultoria e Desenvolvimento de Softwares
jul/2010 - mar/2018
IT Infrastructure Analyst

Work accomplishments at iFood:

- Secrets management project: Implanting from scratch HashiCorp Vault with High Availability, fully "infrastructure as code" using Terraform, monitored with Prometheus Stack and audit with ElasticSearch. Simplifying the management of the secrets and giving more autonomy for developers.
- Participation in migrating almost all iFood resources from an AWS Region to another, using only "infrastructure as code". The process involved the creation of Terraform modules, understanding legacy infrastructure and creating parse scripts for automation of the task.
- Improve and evolve the iFood API Gateway solution based in Kong. Creation of Chef Cookbook for installing and managing Kong resources based on "GitOps" idea. Allowing developers to expose their services by only opening a Pull Request to the repository.
- Development of Kong plugins for iFood needs.

Work accomplishments at ADTsys:

- Development of a Python tool to bid Spot Instances on AWS Cloud and register them in OpsWorks *stack/layers* based on CloudWatch alerts.
- Creation and management Chef 'recipes' for machine configuration via OpsWorks.
- Development of 'manifests' in Puppet to code our clients environments, legacy and new.
- Translation of Ansible 'playbooks' to Puppet 'manifests' to equalize the environment.
- Development of 'pipelines' at Jenkins for automation of application deployments in CI/CD environments.

Work accomplishments at Programarte:

- Research, implementation and documentation of WildFly cluster, containerized and orchestrated by docker swarm, geo-redundant and scalable. The project developed from scratch for a high availability environment for product "simplesmenteUse - NEO" in AWS infrastructure or on-premises.
- Email servers migration to Zimbra. Configuration of Zimbra itself, besides the DNS and firewall. Project has increased availability, stability and log analysis.
- Shell script, in Jenkins "freestyle mode" job, for automation various processes such as product deploy, server checking, backup / restore files from fileservers and databases (Oracle, SQL Server, MySQL and MongoDB). These automatons have decreased human error.
- Development proof of concept online store project. Built with Angular 5 and Firebase, the project has been used to practice new technologies and to present the DevOps culture to the company coworkers. In these project, it has configured the git tool to run the Lynt tool and some tests before the push. After the push, the code was stored in a GitLab repository with webhook to a Jenkins pipeline that checks out the code, run the test (using json-server to mock the Firebase), builds the SaSS and modules, creates a Docker Image that was pushed to GitLab registry, then updates the server.

Skills:

Operational Systems: Linux, Windows
Cloud: AWS, Azure, GCP
Languages: Ruby, Lua, Python, Shell Script, Groovy, Golang
Container Orchestration: Kubernetes
Virtualization: KVM, VirtualBox
Automation: Jenkins, Vagrant, Terraform, Packer
Configuration Managers: Chef, Puppet, OpsWorks
Web Servers / Load-Balancer / Proxies: Kong API Gateway, OpenResty, Nginx, HA Proxy, Apache
CDN / WAF: Akamai, CloudFlare