

Carolina Valencia



Summary: DevOps Engineer working on supporting, automating and optimizing DevOps process. Knowledge in scripting languages such as Bash, Python, Nodejs and Golang. Implemented Cloud platform solutions and container orchestration. Developing Continuous Integration/ Delivery pipelines, using Devops tools. Flexible and adaptable, ability to work effectively within a team and with minimal supervision.

Experience

05/2018 - now DevOps Engineer, [Gupy](#), São Paulo - Brasil.

- Implemented a High Available Kubernetes cluster using Kops in Aws provider.
- Orchestrated Docker containers using Jenkins, docker and Kubernetes.
- Used Jenkins pipelines to drive the services builds out and then deployed to Kubernetes. Created Deployments and managed using Kubernetes.
- Configuring an ELK solution to centralized logs.
- Experience with server monitoring and metrics using prometheus, grafana and newrelic.
- Developing tooling and process to troubleshooting.
- Infrastructure automation with Terraform and Ansible.
- Implemented security tools and process.
- Performed integration of Code Quality Analysis and Security with SonarQube and Anchore.

12/2017 - 05/2018 DevOps in Software, [Geru](#), São Paulo - Brasil.

- CI/CD with terraform, Elastic Beanstalk and Circleci.
- Orchestration tools: Swarm, docker-compose, Rancher

05/2017 - 12/2017 Devops - Software Developer, [Loggi](#), São Paulo - Brasil.

- Migration from AWS to Azure cloud provider using virtual machines, postgresql, HAProxy, Prometheus.
- Automated deployments using Bash and Ansible. Infrastructure as a code using terraform.
- Implemented Sandbox environments using Kubernetes as a service in Azure cloud.

07/2016 - 04/2017 DevOps - Software developer, [Pão de Açúcar](#), São Paulo - Brasil.

- Cloud Infrastructure: Working with Aws: VPC, EC2, S3, RDS, EMR, ELB, dynamos, lambda, etc.
- Implemented a Nodejs API with a serverless architecture (Lambda, S3, Cloudwatch).
- Production deployment support in Kubernetes.
- Implemented IoT solution with IoT Button and Dynamos.

Education: Degree of Master in Physics Computation, Institute of Physics of Sao Carlos (IFSC), Sao Paulo University (USP), São Paulo, Brasil / 2014.

Certificates / Courses

- Intro to Self-Driving Cars - Udacity, 2018.
- Scalable Microservices with Kubernetes - Udacity, 2017.
- Introduction to Kubernetes - Edx, 2017.
- Deep Learning : pandas, scikit-learn, April 2017
- Continue Scalable Microservices with Kubernetes, March 2017
- Solution Architect - Associate, Qwiklabs.com, July 2016
- 1Z0-808 - Java SE 8 Programmer I - Oracle, 2015
- AWS Technical, 2015 - AWS Business, 2015
- Business Process Management (BPM), February 2013.

Publications & Speaker

- [Vault em Kubernetes](#), - [BSides São Paulo](#), 2019.
- [Introdução em Segurança de Containers](#), - Campus Party São Paulo, 2019.
- [Backup and Disaster Recovery in Kubernetes](#), - [Devopsdays Rio de Janeiro](#), 2018.
- GUILLEN, C., Pereira-Da-Silva, Ma, Faria, RM, Bruno M., Odemir. Uma Ferramenta Visual para Analisar as Imagens de Microscopia de Força Atômica AFM In: VII Workshop de Visão Computacional, 2011, Curitiba.

Additional Activities

- Docker Community Leader in [Docker chapter São Paulo](#).
- Active Member, in [CyberSecurityGirls](#).

Languages

- Spanish: Mother tongue.
- Portuguese: Fluent.
- English: Advanced.