

# Marius Oprin

DevOps Engineer, founder of Cloud Native Solutions SRL

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## SKILLS & KNOWLEDGE:

### CLOUDS:

- AWS
- Azure
- GCP
- Oracle

### IaC:

- Kubernetes
- Terraform
- Openstack
- Ansible
- Chef
- Juju

### CI:

- Jenkins
- Gitlab CI
- Github Actions
- AWS CodePipeline
- Prow

### LANGUAGES:

- Python
- Ruby
- Golang
- Bash
- Powershell
- HCL

I'm a DevOps Engineer with experience across multiple cloud platforms including AWS, Azure, GCP, Oracle Cloud, Digital Ocean and other Open Source products like Kubernetes, OpenStack and DC/OS.

## EXPERIENCE

### Founder

*Cloud Native Solutions SRL - march 2022 - present*

Providing the following DevOps services and tailored solutions for our customers running applications in AWS and Google Cloud :

- Architectural design
- Infrastructure as a Code
- CI/CD solutions

Our customers:

- OpsLogic, USA
- VitalInteraction, USA
- Stirista, USA
- PureSend, USA

### Senior Cloud Engineer

*Cloudbase Solutions SRL · June 2018 - Present*

Contributing primarily to **upstream development projects**, such as **Kubernetes** and other high profile open source projects:

- Windows CI for the Kubernetes project ( sig-windows )
- DC/OS Windows project for Mesosphere ( Mesos )
- Openenclave project for Microsoft and Intel ( Confidential compute )
- Juju charms development for Canonical
- OpenStack and Kubernetes deployments for Canonical's customers.

### IT Consultant

*Oprin Marius PFA - September 2018 - Present*

I provide the following services:

- Architectural design
- Infrastructure as a Code
- CI/CD solutions

Some of my customers are:

- OpsLogic, USA
- VitalInteraction, USA
- RevivalHealth, USA
- Motivote, USA
- Paloma, USA
- ServiceKit, USA
- Matcha, USA

### IT Consultant

*rankingCoach Romania - september 2018 - may 2019*

- Develop DC/OS PoC cluster for running Marathon applications on Mesos framework
- Develop Kubernetes cluster running in Hetzner cloud
- Develop Chef cookbooks and manage the Chef server
- Update and maintain Ansible playbooks

## EDUCATION

Master in Business  
Administration  
*Aurel Vlaicu University, Arad*  
2009 - 2011

Bachelor of  
Economics  
*Aurel Vlaicu University, Arad*  
2006 - 2009

## CERTIFICATIONS

Cambridge CAE

## DevOps Engineer

*3Pillar Global Romania - May 2017 - June 2018*

I was part of the Production Engineering team for one of our most important clients, working closely with the Engineering and Product teams to identify and implement solutions that meet production, QA, development and administrative needs in Linux-based environments. We were responsible for maintaining, updating and improving our AWS infrastructure and our CI/CD pipeline.

## System Administrator

*Atos Romania - March 2016 - May 2017*

I was part of the ATM team - Application Technical Management.

My tasks included:

### L2 system administration of Linux servers

- Apache HTTPD Server
- NGINX
- Apache Tomcat
- JBoss
- SFTP
- Squid
- HAProxy
- Nagios monitoring

### L3 system administration:

- Installing, configuring and troubleshooting web servers and applications but also other 3rd party applications
- Securing servers against known vulnerabilities
- MySQL clusters ( Pacemaker clusters with DR Replication, Galera Replication clusters)
- Microservices ( Docker, Fleet, Flannel, Etcd, SkyDNS, Registrator )
- Developed and installed Mesos - Marathon cluster for hosting internal tools and Dockerized services ( Wordpress, MariaDB , OpenLDAP, Redmine, Redis, Jenkins, DokuWiki, Squirrelmail)

### Automation:

- Developing Bash and Perl scripts for DollarUniverse ( SAP and Linux script scheduler )
- Developed Bash scripts for installing stand-alone LAMP stack + various applications
- Developed custom Powershell scripts
- Developing Python Selenium Unittests
- Developed Web and Log scrapping bots that fill in the data in different Excel and Word documents.
- Developed Ansible scripts for deploying various application environments.
- Developed Ansible scripts for applying patches, upgrades and security measures
- Developed scripts that send daily reports by email with screenshots taken from various tools and websites.