



ARNAU AMARGANT DOMENE

I am a DevOps professional with a two-year track record in managing and ensuring full time availability of two containerised multi-instance applications deployed globally with Openshift/Kubernetes. Recently, I assumed the responsibility of on-call duty. I characterise myself as a dedicated individual with a profound enthusiasm for emerging technologies.

24/02/1994

Living in Nice, France

From Barcelona, Spain

arnau.dev

arnau.ad@gmail.com

(+34) 675758949

github.com/aamargant

linkedin.com/in/aamargant

SKILLS

Python

Bash Scripting

Jenkins

Openshift / Kubernetes

Docker

Prometheus / Grafana

Kafka / Strimzi

Linux OS/Commands

Helm charts

Couchbase

JFrog Artifactory

Ansible

Terraform/Terragrunt

CERTIFICATIONS

- Certified SAFe 5 Practitioner
- Advanced Open Water Diver

LANGUAGES

- English (C1)
- Catalan (Native)
- Spanish (Native)
- French (A1)

WORK EXPERIENCE

Cloud DevOps Engineer / SRE

Amadeus · Nice, France · March 2022 - Present

- Design, deployment and maintenance of containerised applications in production environments, utilizing platforms such as Openshift, Kubernetes, and Docker.
- Leading the execution of blue-green deployments using Jenkins Pipelines, ensuring meticulous oversight and verification of system integrity.
- Implementing CI/CD automation through Jenkins pipelines, ensuring efficient and streamlined development and deployment processes.
- Applied expertise in container monitoring and visualization, utilizing tools such as Prometheus and Grafana to ensure optimal performance and reliability.
- Cloud Providers we are deployed at and I am familiar with are GCP and AWS, with a current epic involving the migration of 10% of the workload to Azure.
- Sheriff role, incident management and actively participating in the investigation and resolution of issues.
- Recently participating in on-call rotations, collaborating with a team of 10 members to ensure continuous system availability and prompt response to emerging challenges.
- Provided mentorship to three newcomers fostering their professional development.

Software Developer Internship

OS Sys & Com. · Barcelona, Spain · October 2020 - July 2021

- Partially designed a software solution for an automated cash payment machine, responsible for implementing features in C# to meet specified requirements. Handled both front-end (WinForms) and back-end (LLBLGen) development within a layered architecture application.
- Implementation of backend MySQL Databases tailored for a cash machine, ensuring optimal functionality and data integrity.

PROJECTS

IaC with Terraform and AWS

- Provisioning of a VPC network architecture, partitioned into private and public subnets distributed across Availability Zones, complemented with NAT gateways and routing tables configured systematically via Terraform modules.
- Integrated with GitHub Actions, ensuring code validation and linting, while enabling continuous deployment by automatically applying changes to AWS upon repository pushes.

Network automation

- Creation and design of a multilayered architecture network with layer 3 NEXUS switch and the automation of the network protocols and interfaces (HSRP, VLANs, static routes,...) configuration with Ansible playbooks.
- Extraction of data within the network (packets and routes) with python scripts using the NETCONF and RESTCONF protocols targeting the YANG data models on the switches.

EDUCATION

Universitat Politècnica de Catalunya

MD in Blockchain Technologies

Barcelona, Spain · September 2021 - November 2022

TecnoCampus University

Computer Science and Engineering Degree

Mataró, Spain · September 2017 - June 2021