Juan Miguel Rúa Gutiérrez

Senior Platform Engineer/ SRE

Address: Calafell, Catalonia, Spain

LinkedIn: https://www.linkedin.com/in/juan-miguel-rua-gutierrez/

- *AWS, Gitlab CI, Kubernetes, Terraform * Datadog, Grafana Cloud * Go, Python, NodeJs, Bash * Linux, Raspberry pi, Docker

EXPERIENCE

Wallbox Chargers, Barcelona   *2 years 7 months*

Senior Platform Engineer / SRE   *March 2022 - Present*

- As a Senior Platform Engineer, I participate in the design and development of high-performance tools that provide essential support for important business applications. With "cost optimisation" as our primary goal, I collaborate with cross-functional teams to design resilient infrastructure solutions, automate deployment pipelines, and ensure the availability and efficacy of systems through continuous implementation.
- My key responsibilities include:
- * Over 70 AWS accounts are managed and maintained, and they are connected to one another via a TransitGateway and the on-site factories via Direct Connect. * Overseeing numerous EKS clusters and making sure they operate at peak efficiency through constant datadog, vector, and Grafana Cloud monitoring and tuning. * Migrating the current productive workloads from ECS to EKS without disruptions. * Create and implement in-house Go, Python, or bash applications to improve the efficiency of Gitlab CI's CI/CD pipeline templates. * Using Terraform to design, build, and manage scalable and dependable infrastructure on AWS. * Identifying and resolving technical issues related to the systems and infrastructure. * Performing regular system monitoring and performance tuning to ensure optimal performance with DataDog, Vector and Grafana Cloud. * Continuously improving the reliability, availability, and scalability of the systems and infrastructure. * Automating processes and workflows to improve efficiency and reduce manual intervention.
- To excel in this role, I have experience with:
- * GitLab-CI and other CI/CD tools * AWS cloud services and infrastructure such as EKS, * Infrastructure as code (IAC) using Terraform * Scripting in Go, Python, Bash, or other languages * OKTA, CloudFlare, PagerDuty migration to Grafana On-call.

DevOps Engineer   *March 2022 - April 2023*

Applus+ IDIADA, Tarragona y alrededores   *May 2019 - March 2022*

DevOps Technical Lead

- Infrastructure as Code (IaC), this is our main goal since we create the DevOps team almost two years ago.
- Our team started the migration of all our infrastructure from VMWare on premise to AWS using Terraform.
- Furthermore, we are evolving the deployment processes of all our applications the following:
- * Ansible * Jenkins * GitLab-ci * Docker * docker-compose * Consul * Flayway

Applus IDIADA, Tarragona y alrededores   *November 2013 - March 2019*

Software Architect

- I started as a software developer in the company, but I quickly moved to the architecture team where I took the opportunity to have the ownership of one of the most important projects in the company:
- The Barrier control system: Here I was for the architecture definition, Design, development and deployment of a real-time aplication using Nodejs as server (socket.io), that asychronously communicate with machine-states application deployed in several raspberryPi coded in python3, and rendering data in a desktop application coded in JavaFX.
- I had other responsibilities such as:
- * Design the core of the new software architecture for the company using the following technologies:
- * Java * Spring * Hibernate * JSF * Primefaces * AOP * Bootstrap * CI-Jenkins * Gitlab * Sonar
- * Design new pipelines to improve the deployment process of the company applications:
- * Migrate from Subversion to Git * Redefine the CI/CD process using Jenkins * Design a new architecture to migrate * Ansible * Traefik * Consul * Flayway

INSA, Barcelona Area

February 2012 - October 2013

Senior Software Developer

- Maintance and new developments in ROCA web/intranet and LAUFEN.
- www.roca.com www.laufen.com
- Using in back-end:JEE, Spring Framework, IBM Web Content Manager, Hiberante, Oracle, Maven3.
- Using in Front-end: Dojo, Jquery, Ajax, HTML5, CSS3
- Efficient Search Algorithms using Apache Lucene and Hibernate search

openTrends

September 2011 - February 2012

Senior Software Developer

- "SIC" upgrading to version 4
- Java/Swing application deployed in touch device aimed to communicate the Barcelona Bus's Driver with TMB Central. Designed with a Event listener pattern and implemented through Java Swing; Running on Linux operative system

VIEWNEXT, Barcelona Area

September 2010 - August 2011

Junior Software Developer

- TIP (Applications of portal web "La Caixa") * Owner framework based on Spring web-flow framework with Struts and Velocity template. * Oracle data base and persintence with hibernate and JDBC Connections * EJB technology to implements banking transactions. * JavaScript, AJAX and en encryption algorithms (RSA) in LOLOPO project (Login Linea Oberta Portal)

EDUCATION

Universitat Oberta de Catalunya

Present

Engineer's degree, Computer Software and Media Applications

Universitat Politècnica de Catalunya

September 2006 - June 2009

Technical Engineering for Computer System, Ingeniería informática

LANGUAGES

English (Full professional proficiency), **Spanish** (Native), **Catalán** (Full professional proficiency)

CERTIFICATIONS

Scrum Manager

Present

http://scrummanager.net/

Credential ID: 150

Show Credential

Oracle Certified Professional, Java SE 6 Programmer

July 2012 - Present

Oracle

Show Credential

Software Architecture: Patterns for Developers

December 2020 - Present

LinkedIn

Show Credential

Learning Kubernetes

December 2020 - Present

LinkedIn

Show Credential

Linux System Engineer: Bash Shell Scripting for Automation

January 2021 - Present

LinkedIn

Show Credential

Serverless Architecture

January 2021 - Present

LinkedIn

Show Credential

Kubernetes: Native Tools

January 2021 - Present

LinkedIn

Show Credential