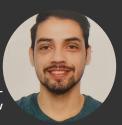
IVAN ANDRADE CASTAÑEDA

Cloud Engineering | Financial Markets | Microservices | Kubernetes

A Cloud Engineer with a strong passion for technology and financial markets. Experienced in cloud federation, container technologies, and kubernetes. Motivated by continuous learning, customer satisfaction, and tackling new challenges.



† CONTACT

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- +34611266630
- **?** Tenerife, Spain
- @landradec
- in landradec

</> SKILLS

Programming </>

Html/css Bash

Python LaTeX

Shell Scripting

Operating Systems 🐧

Windows Linux



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Software & Tools

Containers Technology

(Kubernetes, Helm, Docker, Docker-

compose)

Monitoring (Grafana, Loki, Promtail)

Virtualization Technology

(Kvm, VirtualBox, OVSwitch)
Opennebula

Networking technology

(Cisco, Mikrotik)

Infrastructure as a code

(Ansible, Terraform)

Version Control

(GIT)

Cloud providers

(Azure devops, AWS)

Latex Program

(Overleaf)

WORK HISTORY

10/22 - Present

Popyenia Data, Tenerife - Spain Junior Cloud DevOps Engineer Junior Cloud DevOps Engineer

- Development and deployment of Dockerized applications, primarily focusing on Helm chart creation.
- CI/CD workflows using Azure DevOps and GitHub
- Support in Kubernetes deployment and troubleshooting.
- Managed Docker container lifecycle, from development to deployment.
- Technologies used: Grafana, Loki, ArgoCD, Azure DevOps, Helm, Scrum, Kubernetes, Docker, Docker-compose, keycloak, Linux, Git, English.

♀ Independent

Chartered Market Technician

- Specialized in both fundamental and technical analysis, leveraging historical price behavior to predict future market movements.
- In-depth technical analysis on FOREX, cryptocurrencies, and future markets including Gold, Crude-oil. SP500. DOW NO.
- Used tools: Orderflow, foot print, orderbook, Bloomberg real-time news.

10/2016 - 05/2020

- Universitat Politècnica de València, Valen-Doctoral Research Assistant cia. Spain
- Thesis: Advanced network cloud services for computing-intensive applications.
- Developed a Kubernetes CNI for inter-site communication between pods across multiple locations
- Managed resources across multi-tenant network environments, including cloud federation and resources virtualization.
- Technologies used: Linux, K8S, Shell, Python, Flannel, Ansible, Docker, KVM, OpenNebula, OpenVSwitch.

6 05/2014 - 08/2014

- University Research Institute on Robotics Web Developer Internship and Information and Communication Technologies, (IRTIC), Valencia Spain
- Developed and deployed a front-end web application for user management in the robotics department.
- Technologies used: HTML, PHP, JS, MySQL, Bootstrap.

6 06/2012 - 09/2013

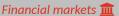
- PuntoNet, Guayaquil Ecuador
- L1 Corporate Support Engineer
- Managed first-level user issues, ensuring compliance with defined SLAs.
- Oversaw creation, monitoring, and management of support tickets on NAGIOS.
- Technologies used: Nagios, Cisco, Mikrotik, Linux.

6 05/2011 - 06/2012

- Pacificard S.A. Guayaquil Ecuador
- **Banking Customer Service**
- First-level problem management, achieving a 90% customer satisfaction rate.
- Mentored newly hired representatives in customer service best practices.
- Technologies used: AS-400

1 01/2011 - 04/2011

- Constelec S.A. Guayaquil Ecuador
 Outside Plant Technician (OSP)
- Conducted inspections and evaluations of existing telecommunications infrastructure.
- Contributed to the design and engineering process for new fiber optic cables and removal or rearrangement of existing ones.
- Technologies used: Autocad



Foreign Exchange
US Futures markets
Stock markets
Criptocurrencies markets



Spanish English



EDUCATION

05/2023 - Present ▼ Kodekloud Academy

DevOps and Kubernetes Program

Infrastructure as a code, Docker Certified Associate, Certified Kubernetes Administrator (CKA).

2016 - 2017

 Universitat Politècnica de València Valencia, Spain Diploma in corporate networking

Main subjects: CCNA1, CCNA2, CCNA3, CCNA4.

2014 - 2015

Universitat de València Valencia, Spain Master's Degree in Web Services and Web Applications Engineering

2007 - 2012

Universidad Catolica de Santiago de Guayaquil, Guayaquil, Ecuador **Telecommunications Engineering**

PUBLICATIONS

Defining and testing virtual federated networks across multiple cloud sites.

I. Andrade, C. de Alfonso, I. Blanquer,

Second International Conference on Fog and Mobile Edge Computing (FMEC), pages 107–112

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IEEE.Ivan.Publication

Easing the Deployment and Management of Cloud Federated Networks Across Virtualised Clusters.

!. Andrade, C. de Alfonso, I. Blanquer,

% Scitepress.Ivan.Publication