

RAUL FIOL

CLOUD ENGINEER

CONTACT

✉ raulfiol93@gmail.com

🌐 raulfiol93.github.io

📍 Rotterdam, Netherlands

SKILLS

Cloud
Kubernetes
IaC
Linux
CI/CD
Python
Data Engineering

CERTIFICATIONS

Certified Kubernetes Administrator

AWS Solutions Architect Professional

GCP Certified Professional Cloud Architect

Microsoft Certified: Azure Administrator Associate

AWS Certified DevOps Engineer Professional

AWS Certified Security Specialty

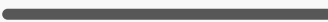
EDUCATION

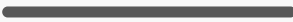
Universidad Tecnológica de La Habana

Telecommunications and Electronics Engineering

2012 - 2017

LANGUAGES

Spanish 

English 

French 

PROFILE

Telecommunications Engineer become Cloud and DevOps Engineer, with nearly 6 years of experience in the IT world. Provisioning of cloud and on-premise infrastructure using Infrastructure as Code and CI/CD tools. Knowledge of multiple frameworks and design patterns. Python proficiency.

WORK EXPERIENCE

DevOps Engineer

Swisscom

September 2023

- Manage the offering of Swisscom's Cloud Foundation platform as a fully-integrated, secure, and compliant self-service platform.
- Architecture and provisioning projects on AWS using IaC tools (Terraform and AWS CDK) and ensure alignment with workload strategic placement policies for all Swisscom internal DevOps teams.
- Support and operate other internal IaaS, PaaS and container orchestration platform offerings.
- Definition of CI/CD pipelines on GitLab and AWS Developer Tools to ensure seamless integration and deployment processes. Building GitLab components for template dynamic reusability.
- Integrating observability tools and solutions to enable internal teams to create custom alerts, dashboards, SLIs and SLOs enhancing their observability practices.
- Support the internal DevSecOps community in adopting best practices of cloud computing and CI/CD automation in general.

Cloud Data Engineer

General Software Inc.

Sept 2021 - August 2023

- Designed, built, and maintained Big Data pipelines implementing distributed parallel batch and streaming data processing.
- Cloud infrastructure provisioning and management for data engineering solutions.
- CI/CD automation and IaC.

Cloud Data Center Engineer

ETECSA

Oct 2018 - Aug 2021

- Managed the installation, configuration, and maintenance of physical servers, switches, routers, firewalls, and storage arrays across multiple data centers, ensuring high availability and uptime for critical applications and services.
- Oversaw the deployment and management of virtual and cloud infrastructure.
- Implemented Kubernetes clusters for container orchestration and management.
- Collaborated with development teams to create testing, delivery, and deployment pipelines.
- Conducted regular audits of infrastructure and applications to identify and address security vulnerabilities, ensuring compliance with industry standards and best practices.
- Automated the physical IT infrastructure administration using scripting and Infrastructure as Code.

Communications/IT Solutions Architect Jr

EPROYIV

Sept 2017 - Oct 2018

- Architected traditional telephony communications networks.
- Designed and implemented IT infrastructure and network design for client needs.
- Architected security systems for fire and intrusion detection, improving overall security and compliance standards.