

RAUL FIOL

CLOUD ENGINEER

CONTACT

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📍 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

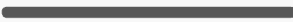
Universidad Tecnológica de La Habana

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

- Provide onboarding, enabling and advisory services to support the internal DevSecOps community in adopting best practices of cloud computing and CI/CD automation.
- Manage the offering of Swisscom's Cloud Foundation platform and its multiple cloud providers 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 private cloud 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.

Research Assistant

Centennial College, Applied Research, Innovation and Entrepreneurship Services (ARIES)

Jan 2023 - Feb 2023

- Developed a high-volume production process for IoT device initialization in batches, automation and cloning with Clonezilla and implementing IoT Fleet Management with JFrog Connect.
- Research of IoT technologies and their potential applications in different fields.

Cloud Data Engineer

General Software Inc.

Aug 2021 - Sept 2022

- Designed, built, and maintained Big Data pipelines.
- Utilised distributed parallel batch and streaming data processing and transformation.
- Created Data Lakes and Data Warehouses as data sinks for further processing and analysis.

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.