

RAUL FIOL

CLOUD ENGINEER

CONTACT

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🌐 www.raulfiol.me

📍 Rotterdam, Netherlands

SKILLS

Cloud
Kubernetes
IaC
Linux
CI/CD
Python
Data Engineering

CERTIFICATIONS

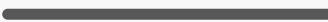
Certified Kubernetes Administrator
AWS Solutions Architect Professional
GCP Certified Professional Cloud Architect
Microsoft Certified: Azure Administrator Associate
AWS Certified DevOps Engineer Professional

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

- Interface between the users of the internal Enterprise Service Cloud and the platform team responsible for the underlying infrastructure.
- Provide on-boarding support to the users and maintain and further develop scripts, tools and procedures to manage this on-boarding.
- Take care of offering the multiple Swisscom's internal cloud platforms as a fully-integrated, secure and compliant self-service platform to all Swisscom internal DevOps teams.

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.