



Sergio Fernández  
E: [acsdesk@protonmail.com](mailto:acsdesk@protonmail.com)  
T: +34 687 016 994  
W: <https://geiser.cloud/>  
W2: <https://geiserx.github.io/>  
W3: <https://github.com/geiserx/>

## SENIOR CLOUD DEVOPS ENGINEER

### WORK EXPERIENCE

#### Claranet Deutschland GmbH

Germany | Jan 2021 – Now

(Kubernetes, GCP, AWS, Terraform, Helm, GitLab, Jenkins, ArgoCD, Networks, Linux, Databases, Python, Observability)

- Delivering Kubernetes-based cloud solutions as a Managed Services Provider (MSP) to clients in Germany as a member of the Cloud & App Modernisation Practice, in the Cloud Customers team.

#### Telcaria Ideas SL

Spain | Jan 2020 – Dec 2020

(Kubernetes/K3s, Docker, H2O.ai, Python/Flask, Java/Spring Boot, MongoDB, GitLab CI, ArgoCD, Rio, ELK, Linux, Git)

- Researching, designing, architecting, implementing, and deploying in the 5G-DIVE European-Taiwanese joint project, to build a state-of-the-art PaaS (Platform as a Service) and a MLaaS (Machine Learning as a Service) for the edge of the network. Analysis of the CI/CD tooling, as well as the actual integration and deployment.

#### Culture of Insight

UK | Aug 2019 - Dec 2020

(R, Docker (Compose), AWS)

- Led the transformation to perform a DevOps approach, to productionize code for a Twitch application. This included the productionization and guided deployment of a custom analytics service for Twitch.

#### ACSdesk

Spain, Switzerland, Chile, India | May 2016 - Dec 2019

(Linux, JavaScript, Ruby on Rails, MongoDB, Redis, Ansible, Docker, AWS, DigitalOcean, Zabbix, Vagrant, Git)

- The company I founded, which targeted ISPs to deploy and operate GenieACS, an auto-configuration and 0-touch device provisioner.

#### AP Data Services Ltd

UK | Feb 2019 - Dec 2019

(R, Shiny, ShinyProxy, AWS, Docker, DockerHub CI, Selenium, Terraform, Linux, Git, Packr)

- Developed a financial service product for banks in the UK to check data integrity and perform data anonymization on sensible data, among other projects.

#### Good Peoples Connected

France | May 2018 - Jul 2019

(Ansible/AWX, Python, Raspbian, HashiCorp Vault, GitLab)

- Supervised and developed a custom hardware solution for the hospitality sector, an IoT device to provide Wi-Fi access to clients.

#### Upwork

UK, Bulgaria, South Africa | Feb 2018 - Jun 2018

(R, Selenium, Research)

- Worked in a range of different projects, including web scraping and market research.

#### Anvimur Telecomunicaciones

Spain | Sep 2017 – Sep 2018

(Python, Linux, JavaScript, MySQL, Ansible, Docker, Network Engineering, Git)

- Developed software middleware solutions to automate the process of router deployments, as well as leading the transformation process to Ansible for our fleet of servers.

#### InnoXess

Switzerland | Mar 2016 - Aug 2017

(Linux, Ruby on Rails, JavaScript, Apache, MongoDB, Redis, DigitalOcean, Git)

- Developed and maintained GenieACS, including its provisioning flows. Architected different cloud solutions to different clients.

#### Electrónica Martínez SL

Spain | Apr 2015 - Mar 2016

(R, Python, JavaScript, MongoDB, MySQL, PostgreSQL, MS SQL, Hyper-V, Linux, Selenium, Ubiquiti, MikroTik)

- Developed a software to auto-configure routers using different networking protocols, synchronizing a range of different databases. Developed a full suite of tooling software in R and Python to diagnose and analyse networking breakdowns. Support on Java application deployments and maintenance.



Sergio Fernández  
E: [acsdesk@protonmail.com](mailto:acsdesk@protonmail.com)  
T: +34 687 016 994  
W: <https://geiser.cloud/>  
W2: <https://geiserx.github.io/>  
W3: <https://github.com/geiserx/>

## Repsol

Spain | Jul 2014 - Sep 2014

(Windows Server, Batch, FTP, Honeywell Systems, PID Schematics)

- Internship in which current systems were studied. Developed internal weekly database backup processes with Batch using the FTP protocol.

## EDUCATION

### Edinburgh Napier University

UK | Sep 2020 - Jun 2022

*Master of Science in Data Engineering*

- [Research](#) summary: Disaster Recovery Analysis of different Cloud Managed Kubernetes Clusters

### Universidad Politécnica de Cartagena

Spain | Sep 2011 - Jul 2015

*Bachelor of Engineering in Telecommunication Systems Engineering*

- [Research](#) summary: Network engineering and autoconfiguration of networking processes.

## TECHNICAL SKILLS

### Tools, platforms:

Kubernetes, GCP, AWS, Terraform, Observability, Linux, Ansible (AWX), GitOps, Helm, PostgreSQL, MongoDB, Redis, Docker (Compose), Hashi Vault, ELK, GitLab CI, ArgoCD, Routing & Switching, Caddy, Nginx, Ambassador, Velero, Duplicacy, RabbitMQ, Kafka

### Programming languages:

- Proficient in: Python/Flask, R/Shiny, Bash
- Working knowledge of: JavaScript, Java/Spring Boot, MATLAB, C#, Go

## CERTIFICATIONS / ACHIEVEMENTS

[CKA: Certified Kubernetes Administrator](#)

The Linux Foundation | 2021

[HCT: Terraform - Associate](#)

HashiCorp | 2020

[AWS-CSA: Solutions Architect - Associate](#)

Amazon Web Services | 2020

[CAE: Advanced English \(C1/C2\)](#)

Cambridge Assessment English | 2020

[HCNA-R&S: Network Associate on Routing and Switching](#)

Huawei Technologies | 2018