



DEVOPS & MODEL OPS SPECIALIST | CLOUD & DATA ENGINEER

WORK EXPERIENCE

Telcaria Ideas SL

Spain | Jan 2020 - Present

(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, in order 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. In charge of the research and analysis of the CI/CD tooling, as well as the actual integration and deployment.

ACSdesk

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

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

- Company I founded which targeted ISPs in order 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.

Culture of Insight

UK | Aug 2019 - Sep 2019

(R, Docker (Compose), AWS)

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

Good Peoples Connected

Guadeloupe | May 2018 - Jul 2019

(Ansible/AWX, Python, Raspbian, Hashicorp's Vault, GitLab)

- 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 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 suit of tooling software in R and Python in order to diagnose and analyze networking breakdowns. Support on Java application deployments and maintenance.

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
Master of Science in Data Engineering

UK | Sep 2020 - Jun 2022

Universidad Politécnica de Cartagena
[*Bachelor of Engineering in Telecommunication Systems Engineering*](#)

Spain | Sep 2011 - Jul 2015

- Research summary: Network engineering and autoconfiguration of networking processes.

TECHNICAL SKILLS

Tools, platforms: Linux, AWS, Terraform, Git, Ansible (AWX), Selenium, MongoDB, Redis, Docker (Compose), Vagrant, Kubernetes/K3s, Helm, ARM devices, Hashicorp's Vault, ELK, Gitlab CI, ArgoCD, GitHub Actions, ShinyProxy

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

CERTIFICATIONS / ACHIEVEMENTS

[HCT: Terraform - Associate](#)
[AWS-CSA: Solutions Architect - Associate](#)
[CAE: Advanced English \(C1/C2\)](#)
[HCNA-R&S: Network Associate on Routing and Switching](#)

HashiCorp | 2020
Amazon Web Services | 2020
Cambridge Assessment English | 2020
Huawei Technologies | 2018