Sergio Fernández

DEVOPS & MLOPS SPECIALIST | CLOUD & DATA ENGINEER

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ABOUT ME

Sergio is an enthusiastic engineer who has over **5 years of experience** in the IT sector. He enjoys with the **research**, **design**, **development**, **deployment** and **maintenance** of all sorts of projects, with a special focus on **process automation**.

He defines himself as a tireless, respectful, **responsible**, tenacious, and patient person. He excels at **delivery**, **communication**, and research. He embraces a "Never Stop Learning" attitude, ready for the next challenge.

He is not a "superstar engineer" nor a "project hoarder", but a **collaborative** engineer that always looks the **common good** of all parties, even if that means working in areas where other teammates do not want to get involved in.

He looks for positions with a balanced degree of responsibility, as he highly appreciates a **balanced work/life relationship**.

SKILLS

AWS, Kubernetes, Helm, Docker (Compose), Terraform, Linux, Ansible (Tower), Raspberry Pi, R, Shiny, Python, Flask, Spring Boot, Git, MongoDB, SQL, TR069, H2O.ai, Research, Clusters, AutoML, SLAs, Big Data, Software Architecture, Networking.

LANGUAGES

English
★★★★☆ (C1)

Spanish
★★★★★ (Native)

French
★☆☆☆☆ (A1)

EXPERIENCE

RESEARCH ENG. @ TELCARIA (2020 - Now)

Sergio researches, designs and develops towards the successful completion of the European and Taiwanese project named 5G-DIVE. This includes the **design** and discussion of **software architecture**, revision of formal texts, state-of-the-art research and testing/surveying. Discussed topics include **SLAs**, **Clusters**, ML, AI, **AutoML, AutoAI**, **DLTs**, Software, Databases

FREELANCER @ ACSDESK (2016 – 2019)

Serving several clients in America / Africa / Europe. Brilliant record of technically successful private projects involving **WebApps** for financial services, **hardware** and software middleware for Wi-Fi solutions, **CPE** (routers, internet-enabled devices) deployment **automation** and **research** gigs

SOFTWARE/NETWORK ENG. @ EM (2015)

On-site developer, system integrator, admin, and networking expert at an ISP. As a result, Sergio **decreased 10 times** the amount of time to register a new client through different automation processes. On another project, Sergio's achievements **far exceeded** what the technical management considered possible. He also automated the entry doors to be opened through the Telegram API.

EDUCATION

CSA @ AWS (2020)

AWS Certified Solutions Architect – Associate Level
It covers most of the available services at AWS

Careers @ OpenWebinars (2019)

Careers including DevOps, Databases, Docker, AWS, Cybersecurity, Big Data, JavaScript, R & Python

HCNA – R&S @ Huawei (2018)

Huawei Certified Network Associate in Routing and Switching. Dedicated time also towards HCNA-Wireless

M.Sc. in Data Engineering @ Edinburgh Napier Uni (2020–2022)

Covered topics include: Data-Driven Decision Making, Database Systems, Data Management and Processing, Business Intelligence and Reporting, Data Wrangling, Information Systems Engineering

B.Eng. in Telecommunications Systems @ UPCT (2011–2015)

Sergio finished a course per year, **Highest Honors in several subjects**. Covered topics include: Statistics, Networks, Electronics, Telematics, Photonics, Microwave Engineering, Transmission, Microprocessors