Sergio Fernández

DevOps & MLOps Specialist | Cloud & Data Engineer

📍 Spain

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ABOUT ME

Sergio is an enthusiastic engineer who has almost **6 years of experience** in the IT sector. He enjoys **researching**, **designing**, **developing**, **deploying** and **maintaining** all sorts of IT 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", 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.

SKILLS

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

LANGUAGES

English
★★★★★ (C2)   Cambridge Assessment English

Spanish
★★★★★ (Native)

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

Terraform @ HashiCorp (2020)

HashiCorp Certified - Terraform Associate Level
Skills: Cloud Engineering, IaC, Multi-Cloud

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