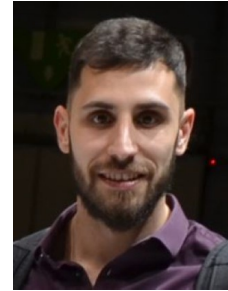


# Sergi Serra

## Cloud Engineer



Location: La Garriga

Contact: 664.188.511 / s.serramarques@gmail.com

[LinkedIn Profile](#)

[GitHub Profile](#)

### About me:

IT professional specializing in Cloud solutions, with a primary focus on Google Cloud Platform (GCP). I combine experience in scalable architectures, automation and DevOps best practices with a growing interest in Artificial Intelligence — exploring both proprietary and Open Source models, best practices, and their practical application in cloud environments. I engage in every project from design to deployment, bringing technical vision and a results-driven approach. I aim to keep consolidating my profile at the intersection of cloud infrastructure and AI, two areas I consider critical for the technology sector in the coming years.

### Technical knowledge and experience:

#### Specialized in...

- |                         |                 |
|-------------------------|-----------------|
| ✓ Google Cloud Platform | ✓ Git & GitHub. |
| ✓ Terraform             | ✓ Backup Tools. |
| ✓ VMWare environments.  | ✓ Linux         |

#### Basic knowledge with...

- |                        |                       |
|------------------------|-----------------------|
| ✓ Bash scripting       | ✓ GitHub Actions      |
| ✓ Docker & Kubernetes. | ✓ Amazon Web Services |

### Personal Projects:

I manage a home server as a technical lab, where I deploy and maintain self-hosted services using **Docker** and **Open Source** tooling.

### Laboral experience:

#### **CLOUD ENGINEER, ALTOSTRATUS / TELEFÓNICA TECH&CLOUD BARCELONA, February 2022 – Currently**

- Designed and deployed scalable, highly available GCP architectures as Infrastructure as Code with Terraform, standardizing reproducible environments and eliminating manual, error-prone provisioning.
- Led end-to-end on-premise to GCP migrations with a 100% success rate, owning the full lifecycle from architecture design and network topology to cut-over and production operation.
- Architected microservices-based platforms on Cloud Run and GKE, applying least-privilege IAM, network segmentation and secure-by-default connectivity.
- Built CI/CD pipelines with Cloud Build and GitHub Actions, automating build, test and deployment to accelerate release cycles and reduce manual intervention.
- Implemented observability using GCP-native monitoring and logging, improving incident detection and shortening time to diagnosis across production services.
- Authored technical documentation and runbooks that standardized processes and lowered the team's operational learning curve.

#### **SYSTEM ADMINISTRATOR, IGMASA MANAGEMENT BARCELONA, May 2019 – February 2022**

- Administration and maintenance of Windows Server 2016/2019 environments (~45 Vms).
- Management of virtualized environments with VMware and Proxmox VE (~50 VMs cluster).
- File Server reorganization project with access based in Active Directory Groups.
- User, email and archiving administration (MDaemon, MailStore) and backups with Veeam B&R.

- Involvement in IT infrastructure projects, WordPress web development and maintenance, and technical documentation.
- Working knowledge of IP telephony and VoIP PBX systems (GrandStream).

***IT COUNTRY SUPPORT RESPONSIBLE, Panalpina Transportes Mundiales BARCELONA, December 2017 – May 2019***

- Single point of contact for IT support across the Iberian region: first-level incident management, escalation to regional support, and account administration in Active Directory and corporate email.
- Corporate hardware and software maintenance.

***SYSTEM TECHNICIAN, Cimkey BARCELONA, May 2017 – December 2017***

- Maintenance and support of client IT infrastructure: server administration, backup verification, and security review across endpoints with GravityZone (BitDefender) and firewall policy checks (Fortinet).

***SYSTEM TECHNICIAN, Havas Media Group BARCELONA, May 2016 – May 2017***

- Technical support across Windows and macOS environments: incident resolution, Active Directory administration, email configuration (Lotus Notes and cloud) and IP telephony.
- Involvement in the corporate Windows 10 Pro rollout, along with videoconferencing support and server data uploads.

***HELPDESK, Keapps-Serunion BARCELONA, January 2016 – April 2016***

- First-level technical support: incident resolution, account and permissions management in Active Directory, and corporate email configuration.
- Android mobile device management (MDM) and vendor coordination for hardware provisioning.

***JUNIOR SYSTEMS TECHNICIAN (Trainee), Eskpe Consulting BARCELONA, November 2014 – October 2015***

- Technical support to clients of the company.

***JUNIOR SYSTEM TECHNICIAN (Trainee), Covidien Spain CORNELLÀ DE LLOBREGAT, May 2012 – May 2013***

- Helpdesk support and basic administration of users, printing and IP telephony in a Windows corporate environment.
- Data center maintenance: server monitoring, backups and corporate software.
- Collaboration on Windows OS migrations and Exchange Server 2007 → 2010 upgrade.

***EDUCATION***

- Graduated from a Middle Degree Training Cycle in Computer Systems Exploitation (Barcelona, 2008-2010).
- Graduated in Higher Degree Training Cycle in Computer Systems and Networks Administration (Sant Adrià del Besós 2013-2015).

***CERTIFICATIONS***

- GCP Professional Database & Security Engineer (2025).
- GCP Professional Developer, DevOps & Network Engineer (2024, 2026).
- GCP Professional Cloud Architect (2022, 2024, 2026).
- GCP Associated Cloud Engineer (2022, 2025).
- Terraform Associate (003) (2023).