

# Pedro Garcia Rodriguez

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## Professional profile.

Senior Cloud & DevOps Engineer with more than 15 years of experience designing, building and operating production platforms, mainly on AWS and Linux. Specialized in on-premise to cloud migrations, automation with Terraform and infrastructure as code, containers and CI/CD pipelines. Used to regulated and business-critical environments (banking), with a strong focus on availability, security and observability. Looking to contribute my experience to teams that want to mature their cloud platform and speed up delivery without sacrificing quality, reducing incidents and operational effort.

## Education.

- **UOC (2021)** - Bachelor's Degree in Computer Engineering.
- **Universidad Rey Juan Carlos, Madrid (2009)** - Master's Degree in Free Software.
- **Seresco Formación, Vigo (2000–2002)** - Higher Vocational Training in Software Application Development.
- **Seresco Formación, Vigo (1998–2000)** - Intermediate Vocational Training in Computer Systems.

## Professional Experience.

### Senior Cloud Engineer – BBVA Next Technologies

**December 2016 – Present – Remote position (Madrid)**

- Design and operation of AWS cloud platforms for business-critical banking applications, ensuring high availability, security and compliance in regulated environments.
- Leadership of on-premise to AWS infrastructure migrations, reducing operational effort and improving service scalability and reliability.
- Automation of infrastructure provisioning with *Terraform* and infrastructure as code, standardising environments and reducing manual deployment errors.
- Implementation and maintenance of CI/CD pipelines (*CodePipeline*, *Jenkins*, *GitLab CI*, etc.) to accelerate change delivery and improve deployment quality.
- Improvement of observability through centralised monitoring and logging (*CloudWatch*, *ELK*, *Grafana*), shortening incident detection and resolution times.
- Collaboration with development, security and business teams to define cloud architectures aligned with technical and product objectives.

### Localization Manager – Allround Automations.

**April 2004 – Present – Remote position (Netherlands).**

- Leadership of the team responsible for localizing Allround Automations products for the Spanish market, adapting the interface, documentation, and messages to linguistic and cultural needs.
- Management and coordination of localization projects into Spanish, defining scope, priorities, and deadlines.
- Collaboration with marketing, development, and product design teams to ensure proper adaptation to the Spanish market.

## **Senior Systems Administrator - Taric.**

**May 2014 – December 2016 - Hybrid position (Madrid).**

- Administration of system infrastructures for customs management solutions, ensuring availability and performance in critical environments.
- Management of physical and virtual servers (Dell, SuperMicro, Proxmox, KVM, Xen, VMware), optimizing capacity and service continuity.
- Implementation and maintenance of monitoring tools (Icinga, Centreon, Nagios, Zabbix) for early incident detection and improved response times.

## **Instructor of the Official Master's Degree in Free Software - Libresoft.**

**October 2012 – January 2014 - In-person (Madrid).**

- Design and delivery of courses on the philosophy and ethics of free software, development, operating systems, and security.
- Supervision and evaluation of student projects, aligning content with the real needs of the sector.

## **Systems Administrator - Bitergia.**

**July 2012 – December 2012 - Hybrid position (Madrid).**

- Administration of servers and infrastructures for metrics and analytics solutions for free software projects.
- Design, construction, and maintenance of production and testing systems on Linux (Ubuntu, Debian).

## **Systems Administrator - Libresoft (GSyC/URJC).**

**August 2009 – June 2013 - Hybrid position (Madrid).**

- Management of more than 50 servers for the GSyC/Libresoft free software research group.
- Administration of Linux systems, networks, and services (Bacula, Bind, Postfix, Apache/Nginx) in production and testing environments.
- Use of Zabbix for monitoring and reducing downtime; 24/7 on-call duty for critical projects.

## **Analista programador – Ence – Energía y Celulosa.**

**Enero 2000 – Enero 2005 – Presencial (Pontevedra).**

- Design, development, and maintenance of internal ERP modules using Oracle Forms & Reports and PL/SQL on Oracle 6i/8i.
- Collaboration with other technology teams to integrate new functionalities and ensure compatibility between ERP modules.

## Certifications.

- *Terraform Associate, Vault Associate* - **HashiCorp**.
- *Aws Certified Cloud Practitioner* - **Aws**.
- *Professional Scrum Master I, Scrum Developer I, Scrum PO I* - **Scrum.org**.
- *Scrum Fundamentals Certified* - **Scrum Study**.
- *Introduction to Linux* - **edX Honor Code Certificate**.

## Language.

- **Spanish:** Native speaker.
- **Galician:** Native speaker/Bilingual.
- **English:** Professional level.

## Technical skills.

- **Cloud:** *AWS (EC2, ECS/Fargate, Lambda, RDS/Aurora, DynamoDB, S3, EFS, ALB/NLB, API Gateway, SQS, SNS, SES, KMS, Systems Manager/SSM, Route53, CloudFront, VPC, Security Groups, IAM, CloudWatch, Config).*
- **Infraestructura como código:** *Terraform, Ansible, Chef, Puppet, CloudFormation.*
- **CI/CD:** *AWS CodePipeline, CodeBuild, CodeDeploy, Jenkins, GitLab CI, GoCD, Travis CI.*
- **Contenedores y virtualización:** *Docker, Amazon ECS/Fargate, CoreOS, LXC, Rancher, Xen, KVM, Proxmox, VMware.*
- **Sistemas:** *Linux (Ubuntu, Debian, Amazon Linux, Suse), Windows Server.*
- **Observabilidad:** *Cloud CloudWatch (métricas, logs, alarms), ELK/Elastic Stack, Grafana, Nagios, Zabbix, Icinga, Centreon.*
- **Lenguajes y scripting:** *Bash, Python, PL/SQL.*
- **Servicios core:** *DNS (Bind, Route53), correo (Postfix, Exchange, SES), directorio (OpenLDAP, Active Directory), servidores web (Apache, Nginx).*