

PIERO ROSPIGLIOSI BELTRAN

Senior Platform Engineer

Kubernetes

AWS

GCP

GitOps

Platform Engineering

SUMMARY

Senior Platform Engineer with nearly 10 years of experience designing, building, and operating production-grade cloud and Kubernetes platforms across AWS, GCP, Azure, and on-premises environments.

Experienced in platform architecture, GitOps, Terraform, networking, security, observability, and automation, with hands-on expertise in EKS, GKE, and self-managed Kubernetes clusters.

Creator of open-source tools for Kubernetes, developer productivity, and platform automation.

FEATURED OPEN SOURCE PROJECTS



GitHub Platform Operator

Kubernetes-native GitHub Management

Declarative Kubernetes operator for managing GitHub repositories, teams, rulesets, access, environments, secrets, and variables through GitOps.



[github.com/
pierinho13/
github-platform-
operator](https://github.com/pierinho13/github-platform-operator)



kubectl-peek

Interactive Kubernetes Productivity CLI

Discover secret relationships, investigate events, and debug workloads with isolated Kubernetes shells.



[github.com/
pierinho13/
kubectl-peek](https://github.com/pierinho13/kubectl-peek)



cmdpeek

Interactive Developer Productivity CLI

Search and run commands by title, description, labels, and script contents using a guided YAML-based catalog.



[github.com/
pierinho13/
cmdpeek](https://github.com/pierinho13/cmdpeek)



Traefik Middleware Plugins

Official Traefik Plugin Catalog

Principal contributor to production-grade middleware plugins published in the official Traefik Plugin Catalog.



plugins.traefik.io

PROFESSIONAL EXPERIENCE

DOODLE

Senior DevOps Engineer

Feb 2026 – Present

- Designed, built, and operated a GitOps-first platform based on Kubernetes running on self-managed clusters hosted on virtual machines.
- Leveraged FluxCD to manage infrastructure and applications declaratively, treating Kubernetes as the single source of truth.
- Worked across AWS and on-premises infrastructure, delivering platform automation, networking, observability, security, and developer tooling.
- Improved reliability, scalability, and operational efficiency through reusable platform patterns and automation.
- Built operational workflows and developer tooling to simplify Kubernetes management and day-to-day platform operations.



CONTACT

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beltran-cv](https://linkedin.com/in/piero-rospiglosi-beltran-cv)

 Madrid, España

 Spanish (Native)
English (Professional)

TECHNICAL SKILLS



Cloud & Platform
AWS • GCP • Platform Engineering •
GitOps



Infrastructure as Code
Terraform • Helm • Kustomize •
Crossplane • CloudNativePG



Containers & Orchestration
Kubernetes • Docker • Argo CD • Flux



Networking & Security
Traefik • Gateway API • Nginx •
Cilium • Kyverno • Cert Manager • IAM



Observability
Prometheus • Grafana • Elastic Stack •
Datadog • Loki • OpenTelemetry



Languages & Tools
Go • Java • Python • Bash • YAML



CERTIFICATIONS

- AWS Certified Solutions Architect – Associate
- Google Cloud Professional Cloud Architect
- Google Cloud Professional Cloud DevOps Engineer
- Google Cloud Professional Cloud Security Engineer
- Microsoft Certified: Azure Administrator Associate (AZ-104)
- HashiCorp Certified – Terraform Associate (003)
- Cambridge English: B2 First (FCE)



EDUCATION

University of Alcalá (Madrid, España)

Master's Degree in Software Engineering
for the Web (2019 – 2020)

*Master's Thesis: "Study of Angular 2 and
above" with an excellent grade.*

University of Alcalá (Madrid, España)

Bachelor's Degree in Information Systems
Engineering, Informatics Engineering
(2013 – 2017)

Honors in final project for graduation.



PROFESSIONAL EXPERIENCE *continued*

SERVICE CLUB

Senior Platform Engineer • Jun 2025 – Feb 2026

Served as the technical lead for the design and evolution of a multi-cloud Kubernetes platform across AWS and GCP, building the platform from the ground up following CNCF best practices. Led platform architecture, automation, observability, security, and cost optimization for production-grade environments.

- Designed, built, and operated Kubernetes platforms on Amazon EKS and Google Kubernetes Engine (GKE) for multi-environment workloads.
- Built reusable Terraform modules for networking, IAM (including IRSA), monitoring, and GitOps workflows.
- Designed AWS infrastructure including EC2, RDS, ALB/NLB, CloudFront, Route 53, S3, and VPC networking.
- Optimized infrastructure costs through Karpenter autoscaling, workload right-sizing, and platform automation.
- Designed and operated a cloud-native platform stack based on Argo CD, Traefik, cert-manager, External Secrets Operator, Kyverno, Prometheus, and Grafana.
- Implemented GitOps-first delivery using Helm, Kustomize, and Argo CD.
- Designed and implemented CI/CD pipelines using GitHub Actions and Argo CD Image Updater, enabling automated image promotion and continuous delivery.
- Applied least-privilege IAM policies, KMS encryption, end-to-end TLS, and centralized secrets management using AWS Secrets Manager and Sealed Secrets.
- Standardized Kubernetes clusters and engineering best practices across AWS and GCP.

SCOR DIGITAL SOLUTIONS

Senior Cloud Engineer • Oct 2023 – Jun 2025

Worked as a Senior Cloud Engineer in an international, English-speaking team, leading the technical design of cloud initiatives and delivering multi-cloud solutions across AWS, GCP, and Azure.

- Led the technical implementation of cloud and Kubernetes initiatives from design to production.
- Evaluated and selected technologies based on business and technical requirements.
- Designed cloud networking across AWS, GCP, and Azure, including VPCs, subnets, routing, firewalls, and DNS.
- Automated infrastructure provisioning using Terraform and reusable infrastructure-as-code modules.
- Designed and operated Kubernetes platforms using Docker, Argo CD, Cilium, cert-manager, Kyverno, NGINX Ingress Controller, and Kong Gateway.
- Improved platform reliability through GitOps and cloud-native engineering practices.
- Built CI/CD pipelines using GitLab and GitOps workflows.
- Applied cloud security best practices using IAM and native security services across AWS, GCP, and Azure.
- Facilitated technical workshops and aligned business requirements with scalable cloud architectures.

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Senior Platform Engineer

PROFESSIONAL EXPERIENCE (CONTINUED)

iGEO ERP Cloud Platform

Lead Cloud Engineer | Jan 2021 – Oct 2023

Led the company's cloud platform and DevOps initiatives, driving the adoption of Google Cloud Platform (GCP), Kubernetes, infrastructure as code, and cloud-native engineering practices across the organization.

- Led the technical evolution of the cloud platform and mentored engineers on GCP, Kubernetes, Terraform, and DevOps best practices.
- Collaborated with Google partners and technology providers to evaluate solutions and improve the platform.
- Defined cloud architecture standards, infrastructure patterns, and operational best practices.
- Designed and managed scalable GCP environments using Terraform, Packer, and Ansible.
- Built production-ready machine images with automated provisioning, security hardening, and configuration management.
- Designed secure network architectures using VPCs, Cloud DNS, firewall rules, and private connectivity.
- Designed, deployed, and operated production workloads on Google Kubernetes Engine (GKE).
- Containerized applications with Docker and managed Kubernetes resources including Deployments, Services, Ingresses, ConfigMaps, and Secrets.
- Developed cloud-native Java applications using Spring Boot and RabbitMQ.
- Managed PostgreSQL databases using Google Cloud SQL.
- Built and maintained CI/CD pipelines with Google Cloud Build and Jenkins.
- Administered Linux-based application platforms running Tomcat, NGINX, and PostgreSQL.

iGEO ERP Cloud Platform

Cloud Engineer | Feb 2019 – Jan 2021

Managed the company's cloud infrastructure on Google Cloud Platform (GCP), focusing on scalability, availability, and security.

- Administered Kubernetes (GKE) clusters for deploying and orchestrating containerized workloads.
- Automated infrastructure provisioning and updates using Terraform.
- Maintained and monitored GCP services including VPCs, Cloud SQL, IAM, Load Balancers, and DNS.
- Implemented CI/CD pipelines with Jenkins to automate builds, tests, and deployments.
- Ensured high availability and security compliance across environments.

iGEO ERP Cloud Platform

Full Stack Java Developer with Spring and Angular | Jun 2017 – Jan 2021

Developed full stack web applications using Spring Boot and Angular, delivering secure, scalable, and responsive SPAs.

- Designed backend architectures with Spring MVC, Spring Security, Spring AMQP, and advanced session management.
- Implemented ORM with Hibernate and Spring Data JPA for efficient data operations.
- Applied dependency injection to build modular and testable components.
- Built Angular front-ends with reactive state management, observables, routing, and component-driven architecture.

MERCURY TFS

Development Engineer / Java Developer / Web Application | Mar 2016 – May 2017

Contributed to the development of a secure and modular eBusiness platform for Foreign Trade.

- Tech stack: Java, Spring (MVC, Security, Batch, JPA, AOP), Maven, Hibernate (JPQL, JDBC), Oracle, JavaScript, and ExtJS.

ACADEMIC HONORS



Bachelor's thesis awarded with Honors

Java Web Application using Spring MVC, Spring Boot, Spring Security, and Angular.



Master's thesis awarded Excellent

Study of Angular 2 and above.