

# Alejandro Iglesias Calvo

DEVOPS ENGINEER

Oviedo, Asturias, Spain

717719965 | alejandroiglesiascalvo@hotmail.com | alejandroiglesiascalvo.github.io/ | AlejandroIglesiasCalvo | Alejandro Iglesias Calvo

## Education

### University of Oviedo

BACHELOR'S DEGREE IN SOFTWARE ENGINEERING

Oviedo, Asturias, Spain

Sep. 2015 - Present

- Outstanding in applied robotics

### Cambridge Assessment

B2 ENGLISH

Oviedo, Asturias, Spain

- Official certification.
- C1 in reading comprehension and listening comprehension.

## Skills

### Microservices Architecture & Cloud

.NET Microservices, Docker, Kubernetes, Service Mesh, API Gateway, Event-Driven Architecture, Azure Service Bus, CQRS, Event Sourcing

### DevOps & Cloud Infrastructure

Azure (AKS, Container Instances, Service Bus), AWS (ECS, Lambda), Terraform, GitHub Actions, Azure DevOps, Infrastructure as Code (IaC)

### .NET Frameworks & Technologies

.NET 8 & ASP.NET Core, Entity Framework Core, MediatR, AutoMapper, Minimal APIs, gRPC, SignalR, REST APIs

### Programming Languages

C# (.NET 8), Python, TypeScript, SQL, PowerShell, Bash, YAML

### Databases & Messaging

SQL Server, PostgreSQL, MongoDB, Redis, Azure Service Bus, RabbitMQ, Apache Kafka, Solr, Vector DBs, Entity Framework

### Monitoring & Observability

Application Insights, Prometheus, Grafana, ELK Stack, Distributed Tracing, Health Checks, Logging, Metrics, Azure Monitor

### Version Control

Git, Subversion

### Spoken Languages

Spanish (Native), English (B2 certified | C1 reading/listening), Italian (Basic)

## Experience

### Wizeline (Client: ClearBank)

L3 ENGINEER

September 2025 - Present

- Technical ownership of an Azure microservices domain with end-to-end responsibility: design, implementation, deployment, and operations (stability, evolution, and production support).
- Continuous .NET stack modernization (microservice migrations to modern .NET/.NET Core), applying compatibility, performance, quality, and observability standards for banking environments.
- Design and implementation of REST APIs and distributed components, including asynchronous integration with Azure Service Bus for decoupling, scalability, and resilience.
- Deployment and operation of services on AKS (Azure Kubernetes Service), actively contributing to progressive Kubernetes migration and standardizing releases with Helm.
- Cloud provisioning and governance through Infrastructure as Code (Terraform): resource, network, and security management with controlled, traceable changes aligned with strict approval processes.
- Continuous contribution to CI/CD with Azure DevOps: pipeline evolution, multi-environment deployments (test/pre-production/production), rollback strategies, and telemetry-based post-deploy verification.
- Daily operations and troubleshooting: analysis of traces, metrics, and dependencies with native Azure tooling (Application Insights, Azure Monitor, Log Analytics), incident diagnosis, and reliability optimization.
- On-call rotations: end-to-end incident handling (triage, identifier-based correlation, evidence/payload analysis in Storage/Blobs when needed) and closure with post-mortem/RCA and corrective/preventive actions.
- Technologies:** C#, .NET (Core/modern .NET), Azure (AKS, Service Bus, Storage/Blobs, Azure SQL), Terraform, Helm, Azure DevOps, Application Insights, Azure Monitor, Log Analytics.

## Servantrip

FULL STACK DEVELOPER

Avilés - Remote

July 2024 - August 2025

- Architecture and development of .NET 8 microservices for high-scale B2B applications (5M+ daily transactions).
- Design and implementation of event-driven architecture using Azure Service Bus and CQRS patterns.
- Leadership in critical external API integrations and distributed services orchestration.
- Implementation of CI/CD pipelines with Azure DevOps, including automated Docker container deployments.
- Performance optimization and scalability of microservices with distributed monitoring and health checks.
- Cloud infrastructure management in Azure (AKS, Container Instances, Application Insights).
- Key participation in distributed systems architecture decisions and DevOps standards compliance.
- Resolution of high-complexity problems in microservices and distributed systems environments.

## CyC

FULL STACK DEVELOPER

Pamplona - Remote

November 2023 - July 2024

- Back-end development in C# and SQL database management for the Navarra Health System.
- Collaborative work in state structures and coordination with multidisciplinary teams.
- Quality assurance through comprehensive integration testing.

## Clarcat

FULL STACK DEVELOPER

Gijón

June 2022 - October 2023

- Architecture and comprehensive implementation of cloud-native digital platform in .NET for digital transformation of metallurgical industrial parks.
- Design and implementation of complete CI/CD pipelines with Azure DevOps, including automated deployment and testing.
- Development of microservices architecture with Docker containers and orchestration in Azure Container Instances.
- Implementation of Infrastructure as Code (IaC) with Terraform for cloud resource management.
- Management of scalable full-stack solutions with monitoring and observability in Azure.
- Interdepartmental coordination and technical leadership in DevOps methodologies and continuous integration culture.

## Bar Playa de Porcía

FULL STACK DEVELOPER

El Franco, Asturias, Spain

April 2022 - Present

- Website development with WordPress, reaching approximately 5,000 monthly visits after SEO and web analytics improvements.
- Implementation of advanced analytics solutions using Google Analytics and Power BI for sales forecasting and capacity control.
- Mobile performance and web accessibility optimization.

## Babel

DATA ENGINEER, POWER BI

Aviles, Asturias, Spain

December 2021 - January 2022

- Use of Power BI for report generation.
- Integration with Azure cloud
- Data processing, both online and locally
- Use of PowerQuery for data processing

## SOGETI, working for HP

JUNIOR C++ PROGRAMMER

Langreo, Asturias, Spain

February 2021 - December 2021

- Maintenance and creation of functionalities in MV (mid volume, i.e., industrial) printers. Both solid support and textile.
- Use of C++ for software development.
- Creation and use of static and dynamic libraries.
- Use of TCL and state machines.
- Use of Subversion for work development.
- Pair programming in large teams around the world.

## ASAC

SYSTEM ADMINISTRATOR (COMPANY INTERNSHIP)

Asturias, Spain

February. 2021 - March 2021

- Company internship at a Tier 3 Datacenter. Working with specific server hardware.
- Documentation of procedures and interaction with clients.

## University of Oviedo

IT SERVICES COLLABORATION INTERN

Oviedo, Asturias

September 2019 - July 2021

- Maintenance of the university's local systems.
- Cloning, installation, and hardware updates for university equipment.

## Extracurricular

## Personal Projects (NAS, Docker, AI, LLM)

Oviedo, Asturias, Spain

INDEPENDENT DEVELOPER

2023 - Present

- Advanced management and maintenance of a NAS server (Synology) with multiple containerized Docker services.
- Development and implementation of solutions with language models (LLM) and artificial intelligence for specific applications.
- Configuration and deployment of complex systems using Docker Compose, including personal web platforms with API integration.
- Own domain and web infrastructure administration, highlighting DNS management, SSL certificates, and security configuration.
- Process automation through scripts and advanced DevOps tools, facilitating remote administration and continuous deployment.

## Menciones y premios

---

### VOLUNTARIOS

2021 **Finalist**, GameJam at the TechFest of EII

Oviedo, Spain

## Summary

---

DevOps Engineer specialized in microservices architecture with over 6 years of professional experience in software development, cloud infrastructure automation, and scalable deployments. Expert in designing and implementing .NET microservices, container orchestration with Docker and Kubernetes, and CI/CD pipeline management in Azure. Proven track record handling high-volume applications (5M+ daily transactions) and leading critical API integrations. Passionate about distributed architectures and DevOps culture, I continuously enhance my skills through personal projects and freelance work. Adaptive, detail-oriented, and committed to delivering operational excellence in dynamic cloud environments.