# Unai Arrien Oroz

PLATFORM ENGINEER · SITE RELIABILITY ENGINEER

*Madrid, Spain*

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## Summary

As a Platform Engineer Lead and Site Reliability Engineer at StratioBD, I specialize in crafting resilient and efficient distributed systems platforms, with a focus on designing robust architectures and automating operations. Throughout my journey, I've encountered and resolved critical issues head-on, strengthening the resilience of our platform with each challenge overcome.

I enjoy contributing to open-source projects and engaging with tech communities. Sharing my knowledge and experience allows me to collaborate with others and drive innovation. I'm passionate about problem-solving and continuously seek to learn new technologies and tools to tackle challenges effectively.

## Experience

### Stratio BD
PLATFORM ENGINEER LEAD & SITE RELIABILITY ENGINEER

*Madrid, Spain*
*Sep. 2017 - Present*

- Led a team to automate deployment and management of Kubernetes clusters across major cloud providers (Azure, AWS, GCP), and on-premise environments, optimizing efficiency and scalability.
- Designed scalable and resilient platform architectures, adhering to industry standards and security practices.
- Utilized Ansible, Terraform, Helm, and custom Kubernetes operators for provisioning, deployment, and automation of complex workflows.
- Integrated cutting-edge technologies such as Ingress Controller, OAuth2 proxy, Vault, and various Kubernetes storage providers to enhance platform robustness.
- Collaborated with stakeholders to implement observability components like Prometheus, Grafana and EFK stack for monitoring and logging.
- Investigated and resolved issues across platform technologies, documenting findings and implementing proactive measures to enhance cluster resilience.
- Guided clients in Kubernetes adoption, tailoring solutions to meet specific business requirements.
- Actively contributed to open-source projects like Kubespray, fostering collaboration and innovation within the Kubernetes ecosystem.

### Stratio BD
PLATFORM ENGINEER & DEVOPS ENGINEER

*Madrid, Spain*
*Sep. 2014 - Aug. 2017*

- Developed automation solutions for deploying and managing Mesos clusters, improving operational efficiency.
- Integrated technologies like Etcd, Vault, and Consul to enhance functionality and security of Mesos clusters.
- Provided expertise in Mesos adoption, platform optimization, and customization for client needs.
- Cultivated a collaborative environment within the team, driving innovation and continuous improvement initiatives.

### Wayra. Telefónica
MOBILE GAME DEVELOPER

*Madrid, Spain*
*Jul. 2013 - Aug. 2014*

- Created cross-platform mobile games for a top retail brand using Unity, ensuring seamless gameplay across iOS and Android devices.

## Skills

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|---|---|
| **Platform** | Kubernetes, Ansible, Terraform, Helm |
| **DevOps** | Docker, Vagrant, Kind |
| **Observability** | Prometheus, Grafana, Elasticsearch, Fluent, Kibana |
| **Clouds** | AWS, Azure, GCP |
| **Programming** | Bash, Go, Python |
| **Languages** | Spanish, English |

## Certificates

2021   **CKA - Certified Kubernetes Administrator**, The Linux Foundation

## Education

### UPM(Universidad Politécnica de Madrid)
TELECOMMUNICATION ENGINEERING (MS. OF SC. ABET/AEC ACCREDITED)

*Madrid, Spain*
*Mar. 2008 - Aug. 2014*