

Tomás Caetano

Age: 30

Madrid, Spain

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Nationalities: Spanish & Uruguayan

[LinkedIn Profile](#)

Summary

I hold a degree in Systems, graduated with honors, and completed a thesis evaluated with the highest grade. I am a professional in operating systems and networks, with experience in Amazon Web Services and PCI/DSS certification (credit cards).

I currently work as a DevOps Engineer at Kudelski Security, where I design secure, scalable, and highly automated AWS environments. I focus on transparent, disruption-free cloud migrations and develop Terraform-based infrastructure to migrate secure cloud platforms to new cloud providers. I am fluent in English, Spanish and currently learning German.

Studies

2021-2025

Montevideo - Uruguay

Degree in information systems

ORT University Uruguay

2013-2016

Montevideo - Uruguay

Analyst Degree in Operating Systems and Networking

ORT University Uruguay

2021

Goethe Institute UY

Goethe-Zertifikat (German A2)

www.goethe.de

2018

Cambridge – United Kingdom

EF Cambridge (English C2-1)

EF (Education First)

Languages:

Spanish: Native

English: Advanced

German: Beginner

Skills:

- *Cloud Technology (Amazon AWS, GCloud, Azure).*
- *Devops, Kubernetes, CI/CD, Docker, Terraform, Pipelines.*
- *Programming (Python, .Net, C#, Go, Bash)*
- *Security standards (PCI DSS & ISO 27001).*
- *Ai Agents development (LangChain, LangGraph, LangFuse, Microsoft Bot Framework)*
- *Monitoring Solutions (Prometheus/Cortex), ELK*

Work experience.

Jul. 2025 – Present
Madrid - Spain

Kudelski Security
DevOps Engineer

- Design and operate multi-cloud infrastructure (AWS & Azure) using Terraform and Ansible, enabling scalable and secure environments.
- Build and maintain CI/CD pipelines with GitLab, accelerating deployment cycles and improving delivery reliability
- Deploy and manage containerized workloads using Kubernetes and Helm, standardizing application delivery across environments
- Design, develop, and maintain reusable infrastructure modules (Terraform).

Sep. 2024 – Jul. 2025
Montevideo - Uruguay

Promptior
Ai Engineer

- Designed and developed agentic AI systems and RAG-based solutions, including conversational and voice-enabled applications
- Built end-to-end AI pipelines using OpenAI, LangGraph, and Azure, integrating LLMs into production-ready systems
- Developed and maintained CI/CD pipelines in Azure DevOps, enabling rapid iteration and deployment of AI services

Mar. 2023 – Jul. 2025
Montevideo, Uruguay

ORT University Uruguay
University Professor (Cloud Infrastructure)

- Designed and delivered a hands-on curriculum on cloud infrastructure, covering Terraform, AWS services, and core cloud architecture concepts.
- Taught and mentored 30+ students per semester, focusing on real-world DevOps and infrastructure practices.
- Led practical labs on Infrastructure as Code, cloud deployments, and distributed systems, bridging theory with industry use cases

Jul. 2022 – Aug. 2023
Montevideo, Uruguay

DualBoot Partners
DevOps Engineer

- Led the migration of legacy on-premises enterprise applications to AWS, transforming them into scalable containerized workloads
- Designed cloud-native architectures using ECS/EKS, networking, and managed AWS services to improve scalability and reliability.
- Collaborated with US-based clients to modernize infrastructure and align with cloud best practices

Apr. 2021 – 2022
Montevideo, Uruguay

Globant
DevOps Engineer

- Managed and evolved a large-scale observability platform across company-wide infrastructure
- Implemented high-availability monitoring solutions using Prometheus and Cortex, ensuring reliability at scale
- Operated within Kubernetes clusters of 300+ nodes, supporting distributed systems and high-volume metrics ingestion

Apr. 2020 – Sep. 2020
Montevideo, Uruguay

Conatel S.A
DevOps Team

- Designed and proposed a scalable Elasticsearch cluster architecture for a state-owned company.
- Analyzed existing infrastructure and identified performance bottlenecks and scaling limitations

Nov. 2016 – May. 2019
Montevideo, Uruguay

Siempre Pago
Infrastructure administrator (PCI/DSS Certified)

- Designed and deployed a PCI-DSS compliant cloud infrastructure on AWS from scratch, supporting payment processing systems
- Managed secure environments handling sensitive financial data, ensuring adherence to strict compliance requirements.

- Led infrastructure operations through annual PCI-DSS audits and certification renewals, maintaining full compliance

Additional Training

2022
Google Cloud

Google Professional Cloud Architect
www.cloud.google.com

2021
Goethe Institute UY

Goethe-Zertifikat (German A2)
www.goethe.de

2020
Online

Architecting with Google Kubernetes Engine
www.coursera.org

2020
Online

Elasticsearch-engineer- 1 & 2
www.elastic.co

2018
Online

Architecting with Google Cloud Platform
www.coursera.org

2018
Cambridge – United Kingdom

EF Cambridge (English C2-1)
EF (Education First)

2016
Montevideo - Uruguay

Information security (ISO 27001)
ORT University Uruguay

Interests & Hobbies

- Swimming
- TV Series & Movies
- Geek Culture
- Coffee
- Computer Science
- AI
- Cooking (New)