

Alessandro Vozza

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Cloud Native & AI (Security) Platform Architect, Tech Lead, Certified Trainer

Golden Kubestronaut, Azure pluri-certified, Google Architect, AWS practitioner

Public speaker, open source contributor, Green Software Foundation Champion



Summary:

Highly **approachable**, **emphatic**, and **collaborative** leader, security architect, and engineer with deep expertise across Cloud, AI, DevSecOps, and Open Source. A seasoned **trainer** and **consultant**, I provide solid grounding in modern **cloud native technologies** with a strong focus on **security and governance**. I have built mission-critical, secure, and scalable platforms using DevSecOps/Agile principles, infrastructure as code, and reproducible processes, specifically for developer enablement and AI model training/inference. My experience includes consulting large enterprises on secure digital transformation, cloud adoption, hybrid architectures, and leading engineering teams as a tech lead and principal engineer. Embraced AI as a tool for productivity and enhanced security posture.

Recent projects:

- **AI Inference on Kubernetes** running on-demand AI inference and training model with OSS tools on GPU-enabled AKS clusters
- **Cloud Native Security:** Automated Policy Enforcement for Kubernetes implemented Kyverno policies and Gatekeeper constraints to enforce security best practices and compliance across multi-cluster Kubernetes environments.
- **Multicloud progressive delivery** with ArgoCD, GatewayAPI Argo Workflow plugin and Istio, achieved 100% uptime during multi-step application deployments and rollbacks
- Built an **Internal Developer Platform** for 15 teams of developers, based on Backstage, GitHub actions and other OSS tools to quickly deploy full environments for live testing and service discovery.
- Built **Kubespaces.io**, a namespaces-as-a-service application to provide developers and platform engineers with on-demand ephemeral and production environments for quick prototyping and

Skills & Certifications:

Linux Foundation / Golden Kubestronaut (2025)

Passed all 14 certifications, including Certified Kubernetes Administrator, Security Specialist, Application Developer, Backstage, Opentelemetry, Prometheus, Kyverno, GitOps, ArgoCD and Platform Engineering.

Microsoft / Microsoft Certified Trainer (2025)

Microsoft Certified Azure Solution Architect Expert (2025)

Microsoft Certified Azure DevOps Engineer Expert (2025)

Microsoft Certified Azure Security Engineer Associate (2025)

GitHub / GitHub Copilot Certification (2025)

Core competencies:

Languages:

Italian, English (mother tongue level), Dutch (conversational)

AI:

OpenAI, Anthropic, Gemini, MLFlow, Kubeflow, Nvidia DGX

Cloud:

Azure, AWS, Google, VMware, Proxmox, Openstack, Oracle, IBM

Containers:

Docker/Kubernetes/OpenShift

IaC/Automation:

GitOps, Terraform, Ansible, Bicep, Packer, GitHub Actions, Gitlab CI/CD

Observability:

Opentelemetry, Datadog, Dynatrace, Grafana, Loki, Prometheus

Security&Governance:

DevSecOps, IAM, EntraID, OAuth2.0, SAML, CIS, Iso27001

Leadership:

Team building, team topologies, coaching, training

Experience:



Kubespaces.io / Founder&CEO

2024 - PRESENT, Amsterdam

Build an MVP for a startup idea I had, promote it at conferences and investors, gained tractions among early users.

Consultant Architect / Owner and freelancer

2018 - PRESENT, Amsterdam

Clients include: Rabobank, Sonoma, Atradius, Shell, and more.

Solo.io / Senior Platform Advocate

2022 - 2024, Amsterdam

Spearheaded the GTM efforts to promote Istio-based API gateway and service mesh, spoke at several international conferences, webinars and created and curated educational content (workshops, documentation and tutorials).

Microsoft / Principal Software Engineer

November 2016 - December 2022, Amsterdam

Worked in large scale Azure and cloud native digital transformation, migrations and modernization of scalable applications, automated infrastructure, and secure software delivery.

Linux Foundation / Certified trainer

2018 - PRESENT, Worldwide

Red Hat / Principal Architect - Openstack & Openshift

2012 - 2014, Amsterdam

Focusing on Openstack and Openshift, delivered several successful projects ranging from POCs to production grade deployments, from NFV at telco's to automotive industry.

Education

University of Amsterdam / Ph.D. in Chemistry

2004 - 2008, Amsterdam

Published 4 papers on ultrafast spectroscopy and molecular synthesis of trans-metal catalysts under Prof. A. Brouwer.

Languages

English: mother tongue equivalent, **Italian:** mother tongue, **Dutch:** B1, **French:** basic

Personal interests

Organiser of Dutch Cloud Native & AI Community

2007 - PRESENT, Amsterdam

Organised monthly meetups for a decade around Kubernetes, AI and Cloud Native tech, run Kubernetes Community Days 2019-2023, now called Cloud Native Community Days Amsterdam.