

# 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.
- **Multicluster 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 traction 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.