

Alessandro Vozza

Cloud Native Architect

Skills

- Kubernetes
- Security
- Service Mesh
- GitOps
- Platform Engineering
- SRE practices
- Generative AI
- Model training
- Inference deployments
- DevOps tools
- Terraform
- Hashicorp Vault
- Ansible
- Languages
- Golang
- Javascript
- Python
- CloudFoundry
- MLOps
- Spark
- Airflow
- Kubeflow

Experience

- Solo.io
- Microsoft
- Namecheap
- Lovelace Engineering
- Red Hat

Languages

- English 10/10
- Italian (mother tongue)
- Dutch 5/10

Alessandro Vozza

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A well-versed tech(nologist) lead, architect, engineer, security specialist, with a knack for training and mentoring teams and individuals; several years of experience in the major private and public clouds, with special focus on Azure and AWS and propensity to learn fast and efficiently any new technology, tool or language. Managed large projects for enterprises and small, dynamic teams at startups, very well known in the cloud native communities, meetups & conference organizer and international speaker experience.

Recent projects:

- Spark on AKS clusters, CI/CD pipelines with Airflow, serving data/analytics teams working with Python/R. Optimization, autoscaling, performance
- Multicloud progressive delivery with ArgoCD, GatewayAPI Argo Workflow plugin and Istio
- Built an Internal Developer Platform for 15 teams of developers
- Scaled SRE practices and optimized incident response with automated remediation, dashboards and fully documented processes including post-mortems and DORA metrics
- Scaled observability in multi-cluster/multi-cloud environments with Thanos, OpenTelemetry, Loki.

Lovelace Engineering / Founder

2017 - PRESENT, Worldwide

Lovelace Engineering (in memory of Ada Lovelace) is my business entity and provider of services and trainings,

Linux Foundation / Certified trainer

2018 - PRESENT, Worldwide

Certified trainer for the CKA/CKAD/CKS certifications, trained in-person and online dozens of classes from few to dozens of attendees. Developed own material and workshops around cloud native, Istio, security and more.

Solo.io / Senior Platform Advocate

December 2023 - PRESENT, Remote

Leading the advocacy team engaging with developers and architects around the world online and in-person, spoke at several conferences and symposiums, meetups and engage with community groups for service mesh, security and API gateway

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.

Red Hat / Principal Architect - Tiger Team

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
- Published 4 articles in international scientific journals

University of Amsterdam / Ph.D. in Chemistry

November 2004 - April 2008, Amsterdam

Organic chemistry and spectroscopy, with focus on ultrafast laser single-molecule synthesis and analysis of transition metal supported catalysts.

Certifications

Certified Kubernetes Administrator
Certified Kubernetes Application Developer
Certified Kubernetes Security Specialist
Istio Certified Associate
Prometheus Certified Associate
Terraform Associate
Microsoft Certified trainer
Microsoft Certified DevOps & Azure Architect
Microsoft Certified Security Architect