

ETTORE CIARCIA - CLOUD & KUBERNETES ENGINEER

WORK EXPERIENCE

SUSE - Premium Support Engineer

Nov 2024 - Present Nuremberg, Germany (Full Remote)

- Providing dedicated support for Cloud Native technologies in SUSE products, including RKE2, Rancher, NeuVector and Longhorn

SIGHUP - Cloud & Kubernetes Engineer

Apr 2023 - Nov 2024 Milan, Italy (Full Remote)

- Implemented CNCF technologies for clients across various industries, managing the deployment of networking, storage, monitoring, and disaster recovery solutions within Kubernetes clusters.
- Actively participated in a major Kubernetes upgrade campaign (25+ clusters), resulting in over 100 version upgrades with minimal downtime and no breaches of error budgets. Enhanced expertise across a wide spectrum of internal cluster services through this initiative. I executed these operations on leading cloud providers, as well as on-premises environments utilizing vSphere.
- Participated in overnight rotations for 24/7 on-call service and monitored high-traffic live streaming services (>2000 requests/sec).
Technologies involved : Kubernetes, Grafana, Prometheus, Velero, NGINX Ingress Controller, AWS, Azure, Terraform, Ansible, Kong Gateway

Epsilon S.r.l - Cloud Engineer

Nov 2021 - Apr 2023 Naples, Italy (Hybrid)

- Proficient in infrastructure provisioning utilizing Infrastructure as Code (IaC) policies across leading cloud providers via Terraform Cloud or with self managed state (25+ projects). Experience in designing and implementing pipelines for seamless container deployments on Kubernetes and Amazon Elastic Container Service (ECS).
- Migrated an entire project and all its components from Docker Swarm (on premise) to Kubernetes (OKE) and created CI/CD pipelines for all services to enable automatic build and deployment.
Technologies involved: Kubernetes, Docker, Terraform, Linux System, AWS Services (EKS, ECS, ECR, EC2, VPC, Lambda,S3, CDN, Pipeline Stack, IAM), Oracle Cloud

CSC Informatica - System Administrator

May 2019 - Feb 2021 Avellino, Italy (On Site)

PERSONAL PROJECT

- Personal Website**: Built with Hugo, deployed on an S3 bucket, and fully managed via Terraform. CI/CD pipelines implemented using GitHub Actions allow deployments from push to production in under 20 seconds.
\$ Cost: < 0.60 USD/month **SLA**: 99.99%
- Sharing Homelab Over a Network Overlay**: Designed and deployed a multi-country homelab Kubernetes cluster using a network overlay. Infrastructure was provisioned with Terraform on AWS and the Headscale server configured via Ansible.
\$ Cost: 0 USD/month, until AWS decided public IPs were a luxury **SLA**: 99.5%

PERSONAL INFO

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Avellino, Italy
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TALKS

Linux Day Benevento 2024
Kubernetes Workshop Bologna 2024
TechHero Rome 2024
Linux Day Benevento 2023
AWS EKS - AWS Immersion Webinar 2023
HoneyNet on AWS 2022

CERTIFICATIONS

Certified Kubernetes Security Specialist
Kubestronaut
Terraform Associate 003
Certified Kubernetes Administrator
AWS Solution Architect Associate
Complete list of acquired certifications (12) [here](#)

SKILLS

Cloud Services Infrastructure as code
Containerization Operating System
Networking Security Virtualization

MAIN TECHNOLOGIES

AWS Kubernetes Terraform
Linux System Containerd Docker
Nginx Prometheus Grafana Velero
Oracle Cloud Ansible ELK Stack

PROGRAMMING LANGUAGES

Bash Python C/C++

LANGUAGES

Italian (Native) ●●●●●
English (B2) ●●●●●

EDUCATION

Accenture - Cyber HackAdemy
Federico II, Naples
May 2021 - Jan 2022
BE Computer Engineering
Federico II, Naples
Ongoing