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**Senior Site Reliability Engineer**

Hard Skills

* **Kubernetes**
* Debian, Centos
* OpenVZ, Docker ( containerd )
* Haproxy, Corosync, Pacemaker, DRBD, Mdadm
* Ceph, GlusterFS
* VMware ESXi, Proxmox
* Redis, Memcached, Varnish
* Postfx, Dovecot, Spamassassin, DKIM, SPF, DMARC
* Fail2ban, Shorewall
* VyOS, Pfsense, OpenVPN, WireGuard, IPSEC, Fortinet
* Zabbix, Prometheus, TICK, Datadog
* MariaDB, PostgreSQL, MongoDB, Galera cluster, Percona XtraDB
* Apache2, Nginx, Apache Tomcat
* Istio
* PHP & Symfony, Python, Javascript, NodeJS, Golang
* Ansible, Terraform
* Jenkins, Gitlab CI, FluxCD, ArgoCD, Argo Workfows
* Vault, Sealed Secrets
* Keycloak
* GCP, AWS, OpenStack, Huawei Cloud

Certifcations

* Certifed Kubernetes Security Specialist - January 2022
* Certifed Kubernetes Administrator - July 2019
* Certifed Kubernetes Application Developer - July 2019

Professional experiences

**Senior Site Reliability Engineer Researcher** AddixData / From October 2023 to December 2023

* Design of a new CI solution
* Development of an internal autoscaling solution based on Event Driven.
* Managing Kubernetes clusters with an eco-system. ( GKE )
* Deployment of a CD solution with tenant.

**Cloud Engineer** Olfeo Full remote / From January 2023 to August 2023

* Designed and implemented a robust CI/CD solution using GitLab CI and ArgoCD for streamlined software delivery.
* Managed and maintained Kubernetes clusters on Orange Flexible Engine (Huawei Cloud) to ensure optimal performance and scalability.
* Conducted internal security audits and established rigorous security protocols to safeguard system integrity.
* Orchestrated the implementation of a comprehensive governance system, encompassing access control policies, change management protocols, and efcient approval workfows.
* Enforced the use of standardized Docker images, including Distroless, and facilitated seamless updates through tools like Renovate Bot.
* Managed feature branch reviews via pull requests, fostering collaborative development and code quality.
* Implemented a Finops strategy resulting in reduced machine usage and improved cost efciency.
* Crafted a one-year multi-cloud infrastructure roadmap, harmonizing product and technical considerations. Key focus areas included security enhancements, centralized authentication, authorization, code review processes, scalability, internal tool optimization, and initiatives to reduce developers' time to market, enhance usability, and expedite deployment.

**Site Reliability Engineer** Hivebrite Full remote / From September 2021 to December 2022

* Design of a Hybrid CI solution. ( Buildkite )
* Development of an internal Buildkite autoscaling solution based on Event Driven.
* Managing Kubernetes clusters with an eco-system. ( GKE )
* Deployment of a CD solution with tenant. ( Argo Workfows )
* Design of Istio with canary upgrades.
* Support teams on cross-functional topics based on DevOps culture.

**Cloud Engineer** Monaco Telecom Monaco / From May 2020 to July 2021

* Cloud reference architectures - CI / CD ( Gitlab CI - Jenkins, ArgoCD - FluxCD ).
* Design reference architectures for OpenStack, VMware, Kubernetes.
* Set up continuous integration and continuous deployment pipelines.
* Promote best practices for cloud and Git collaboration.
* Promote the vision of DevOps, and introduction of GitOps.
* Managing Kubernetes clusters with an eco-system on private cloud ( OpenStack ).
* Lead of many tools : Rocket.Chat - Gitlab / CI - ArgoCD - FluxCD - Istio - Vault

**Site Reliability Engineer** Decathlon France Villeneuve d'Ascq / From October 2018 to May 2020

* Installation and confguration of Kubernetes platforms. (AWS & GCP)
* Support teams in the migration of Rancher containers to Kubernetes.
* Cloud billing migration on AWS.

**Freelance Consultant** / From July 2017 to May 2020

* Partial or total IT outsourcing.
* Cloud platform administration OVH.
* Application outsourcing on CMS such as (PrestaShop, WordPress, Magento, Akeneo, Axelor ).
* Carrying out internal security audits.

**Teacher** SUPINFO International University Lille / From October 2016 to March 2020

* Trainer on different technologies. (GNU/Linux, Kubernetes, PHP)
* Complete a specialization option on Kubernetes, and teach the course.

**System administrator - DevOps** Inulogic Lyon, France / From July 2016 to September 2017

* Improved VPS automatic installation system (iPXE, FuseJS), update ofine ISO Windows
* Administration of a virtualization platform (VMware ESXi 6, 15 servers : 330 Ghz, 2.25 To ram, 60 To disque)
* Administration of a web hosting platform (Plesk, 7000 websites)
* Creation of a REST API : Creating a frewall interface for clients (Fortinet)

Contributions Open Source

* ArgoCD - Implement Plugin Generator ( Golang )

Interests

* Discovering new cultures
* Geopolitics
* Swimming
* Personal development
* Emotional intelligence

Languages

* French - Native language
* English - Intermediate

Diplomas and qualifcations

IT Engineer - SUPINFO International University

School of computer science, leader in France training computer engineers, delivering a Master of Science certifed by the State at level I