STEPHANE VALLIER
☁ DevOps Cloud Engineer ☁

38 years old - Driving License

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Technology enthusiast with a strong specialization in Systems and Cloud Engineering guided by a DevOps philosophy.

I am particularly passionate about designing and implementing Cloud solutions that drive productivity and security. My experience and natural curiosity enable me to adapt quickly to diverse environments and rapidly master even the most complex systems.

Highly rigorous and pragmatic, I combine a strategic mindset with a hands-on approach, providing a global vision that ensures technological advancements are aligned with the security challenges of tomorrow.

My mindset: If you like what you do, you will do it better !

💼 EXPERIENCES

Cloud DevOps Engineer
Sodexo - Since September 2022

Joined the Global Cloud Competency Center (GCCC) at Sodexo, where I played a key role in enhancing cloud governance, security compliance, and DevOps efficiency across the organization.

- Participated an automated tagging solution to ensure consistent governance and created a compliance tracking platform to monitor security adherence.
- Led an audit of the Azure DevOps platform, identifying gaps and implementing remediation measures to enhance performance and reliability.
- Designed cloud architectures, improving reporting accuracy and reducing data processing time from 3 days to 10 min.
- Working on AI-related projects. Building a chatbot to automate customer interactions, improve response accuracy, and enhance user experience
- Actively involved in strategic cloud initiatives, such as VDI, Azure Policies, FinOps, SecOps, GreenOps, and ManyOps things...

Environment / Technologies : Azure, Azure DevOps, Fabric, PowerBi, Angular, Data, AI (Search, CoPilot...)
Methodology : Agile Scrum
IaaC : ARM, Bicep
Languages & Development : PowerShell, Python, Scala, Angular, React, KQL, DAX..

CosmOps Founder | Cloud DevOps Consultant
CosmOps - April 2020 to September 2022 - Freelancer

Joining Cloud Center of Excellence team as a DevOps Engineer to participate in the improvement of the development frameworks and automate templates/Extensions to increase product catalog allowing to projects teams to deploy "compliant" assets through a private Azure Market Place

- Development of many custom extensions
- Development of a Azure Kubernetes Services custom Solution
- Development of a Cloud native solution allowing to get SSL certificates renewal approbation from each Project owners of expiring certificates
- Code branching implementation (GitFlow)
- Automated Documentation of Products

Environments / Technologies : Azure, Azure DevOps, Kubernetes...
Methodology : Agile Scrum
IaaC : ARM, Bicep

Cloud DevOps Engineer on behalf of Stime
Stime - January 2019 to April 2020 - Freelancer

As a DevOps engineer, i automated the deployment of the Architecture of DataHub platform composed of 100% PaaS resources, built the CI/CD pipelines of data transformation assets to automate developments delivery, and participated to the global Monitoring strategy.
Finally, i set up some automated process workflows allowing to approve data accesses then developed FinOps solutions.

- Building of Continuous Deployment pipelines of DataHub Architecture
- Building of Continuous Deployment pipelines of data development packages (Databricks Notebooks ; DataFactory pipelines...)
- Tests scenarios writing
- FinOps optimization

Environments / Technologies : Azure, Azure DevOps, PowerBI, Azure SQL DatawareHouse, Azure Databricks, Azure DataFactory, Azure Automation, Event Hubs...
Methodology : Agile Scrum
Languages : ARM, PowerShell, Python, Scala

📋 SKILLS

DevOps

- Azure DevOps — ★★★★½
- Gitlab CI — ★★★★☆
- CircleCI — ★★★★☆
- IaaC (ARM / Bicep) — ★★★★½
- Git — ★★★★½
- Méthodes agiles (SCRUM) — ★★★★☆
- Ansible / Ansible Tower — ★★★★☆
- Terraform Enterprise / Community — ★★★★☆

Project Management

- Azure Boards — ★★★★☆
- Microsoft Dynamics — ★★★☆☆
- Salesforce — ★★★☆☆
- Jira — ★★★☆☆

Public Cloud

- Microsoft Azure — ★★★★½
- Amazon AWS — ★½☆☆☆
- OVH — ★★★☆☆

Virtualization

- VMware vSphere / vCenter — ★★★★☆
- Microsoft hyperV — ★½☆☆☆
- Docker / Swarm Clusters — ★★★★☆
- Kubernetes / AKS — ★★★★½

Infra / Systems

- LAMP Architectures — ★★★★☆
- Debian / Ubuntu / RHEL — ★★★★☆
- Windows Server — ★★★★½

Backup

- Veeam Backup & Replication — ★★★★½
- SureBackup / SureReplica — ★★★★☆
- Arkeïa — ★★★☆☆
- Azure Backups — ★★★★½

HA / Load Balancing

- RHCS — ★★★★☆
- KeepAlived — ★★★★☆
- HAproxy — ★★★★☆
- proxySQL — ★★★★☆
- Træfik — ★★½☆☆

Front

- Apache — ★★★☆☆
- NginX — ★★½☆☆
- IIS — ★½☆☆☆

Cloud Architect on behalf of CAcom
CA|com - July 2018 to January 2019 - Freelancer

As a DevOps Engineer i designed the architecture of an internal production tool to provide improve availability & increase productivity

The "Anakà page tracking software is a pre-press tool used for page management and tracking (94,000 pages processed in 2018). This essential application for CA|com production services was docked in 2017 on a single host and did not benefit from any HA optimization. The project therefore aimed to deploy the application in a Swarm cluster, to set up Continuous Integration, to provide storage persistence and to set up access management to the different stacks using portainer solution

- Conception of distributed Storage Area using RedHat GlusterFS technlology to provide persistant and shared Storage to containerized Apps.
  Entire platform deployment, configuration & volume mounting has been fully automated using ansible playbooks
- Docker swarm cluster deployment
- Profiting to Password Manager tool providing systems discovering feature to build a Custom real time dynamic inventory construction which is usable by ansible platform
- Automated the deployment of our SaaS solution as LAMP architectures on VMware cluster

Environments / Technologies : Linux Debian, GitlabCI, GlusterFS, Docker, Ansible, VMware
Methodology : Agile Scrum

Infrastructure Architect
CA|Solutions - June 2016 to July 2018 - Full-time

I joined Aristid (formerly called CA|com) as Infrastructure Engineer to build, manage & support the infrastructure services that underpin all internal user services and public services using the SaaS Software solution CA|Omnipublish

- POC solutions, Support CIO during pre-buy phases
- Setting up and maintain monitoring solutions
- Setting Up a solution allowing to centralize & periodically renew IS passwords
- Unification & Securing storage spaces
- Deployment of High Available LAMP architectures
- Architecture of a containerized SaaS solution
- Conception of a solution allowing to automate encrypted backups of all customers databases

Environments / Technologies : VMware, Docker, Docker Swarm, Portainer, GlusterFS, Simplivity, LAMP Architectures, Apache, MySQL Clusters, HAproxy...
Methodology : Agile Scrum
Languages : Bash, PowerShell

Information Systems Manager
Dedalus - June 2014 to June 2016 - Full-time

Developing and implementing infrastructure systems, solutions, and policies and influence outcomes in enterprise data center, network, telephone systems, operating system administration, applications, end-user systems, and related services

- IT Members management
- Define the roadmap, planning & following IT projects
- Preparing & mastering IT costs
- Writing internal documentations, Administration procedures & preparing to ISO9001 certification

Infrastructure Administator
Dedalus - February 2012 to June 2014 - Full-time

As Infrastructure Administrator, my responsibility was about installing and configuring new systems and applications, including operating systems, databases, web servers, and other infrastructure components.

- Installation of web servers allowing to patients to consult their healthcare analysis results- Software deployments and hardware configuration
- OnSite intervention : - Deployment of High Available architectures (RHCS ; VMware clusters) to hosts DLsante middleware solutions
- Skills transferts / trainings
- Building of Microsoft Remote Desktop & Remote App solution
- Monitoring of exploitation hardwares & softwares
- Writing of technical documentation, OnBoarding processes, Run processes...
- Optimising deployments to accelerate intervention time

Environments / Technologies : Unix SCO, Linux RHEL, Linux RHCS Clusters, VMware Clusters

Databases

- MySQL — ★★★⯪☆
- PostgreSQL — ★★★☆☆
- SQL Analytics — ★★★☆☆
- Cosmos — ★★★☆☆

Monitoring

- Azure Log Analytics — ★★★⯪☆
- Nagios / centreon — ★★★★☆
- MonYog — ★★★⯪☆
- Semonto — ★★★☆☆
- Munin — ★★★☆☆

Storage

- EMC VNX — ★★★☆☆
- HP MSA — ★★★☆☆
- NAS/DAS — ★★★⯪☆
- GlusterFS — ★★★⯪☆
- Ceph — ★★⯪☆☆

Security

- WAF (Apache Modsecurity ; Imperva solutions) — ★★★★☆
- Qualys — ★★★☆☆
- Kali — ★★⯪☆☆

Network

- LAN : TCP/IP, DHCP, DNS, WINS, VLAN — ★★★☆☆
- WAN : Routing, Proxy, VPN/PPTP, DMZ — ★★★☆☆
- Firewalling (Soekris, Netasq, CISCO ASA...) — ★★★⯪☆

Langages

- bash — ★★★★☆
- PowerShell — ★★★★☆
- Python — ★⯪☆☆☆
- Scala — ★★★☆☆
- AngularJS — ★★⯪☆☆

Reporting

PowerBI — ★★★★⯪

Systems Technician

DLSante - September 2009 to February 2012 - Full-time

As a System Technician, i had to ensure the support, the systems administration & monitoring, the deployment & migrations initiatives

- Administration of physical machines for healthcare laboratories end users
- R&D tests
- Technical documentation writing
- OnSite Production interventions (maintenance, installations, migrations)

Environments / Technologies : Unix SCO, Linux RHEL, PostgreSQL Databases

🎓 EDUCATION

Kubernetes Administration
SMILE - ASNIÈRES
December 2018

Docker Advanced
ALTER WAY - CLICHY
2017

AVAYA Systems
DL SANTÉ - ISSY LES MOULINEAUX
2015

MCSA Microsoft Windows Server
GLOBAL KNOWLEDGE - RUEIL MALMAISONS
2015

Electrotechnique
MAXIMILIEN PERRET - ALFORTVILLE
2002 to 2004

Technicien de maintenance
GEFI - CRÉTEIL
2010

✈ INTERESTS

Technical interests
- Technical meetups / events
- REX Exchanges
- IoT

Social
- International exchanges
- Member of "Jeune Chambre économique" (https://www.jcef.asso.fr)

Sports
- Running / trails
- Working out
- Cycling