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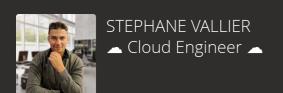
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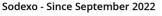


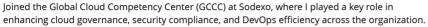
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# **EXPERIENCES**

# Cloud DevSecOps Lead





- Designed and implemented an automated tagging solution to enforce governance standards and improve compliance tracking.
- Led an audit of Azure DevOps, identifying gaps and implementing remediation to improve reliability and performance.
- Architected cloud solutions improving compliance reporting accuracy and reducing data processing time from 3 days to 10 minutes.
- Delivered Al-driven initiatives: chatbot for compliance remediation guidance and automation of customer interactions and AI driven remediation platform
- · Actively involved in strategic cloud initiatives, such as AI, VDI, Azure Policies, FinOps, SecOps, and GreenOps solutions.
- End-to-end design & development of a global Azure compliance platform (frontend, backend, data, AI) - delivered full architecture, build, and deployment.
- Designed and developed a GreenOps platform to track and analyze carbon emissions of Azure infrastructures, integrating Microsoft Emissions Impact Dashboard with Power BI for real-time sustainability insights.

Environment / Technologies: Azure, Azure DevOps, Fabric, PowerBi, Angular, node, Data, Al (Search, CoPilot...)

Methodology: Agile Scrum

laaC: ARM, Bicep

Languages & Development: PowerShell, Python, Scala, Angular, React, nodeJS, 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

laaC: 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

# SKILLS DevOps

•	Azure	DevOps

 Gitlab CI CircleCI

laaC (ARM / Bicep)

• Git

 Méthodes agiles (SCRUM) • Ansible / Ansible Tower

• Terraform Enterprise / Community

#### **Project Management**

• Microsoft Dynamics

Salesforce

lira

#### **Public Cloud**

Azure Boards

 Microsoft Azure Amazon AWS

OVH

#### Virtualization

Microsoft hyperV

• VMware vSphere / vCenter

• Docker / Swarm Clusters

Kubernetes / AKS

# Infra / Systems

LAMP Architectures

• Debian / Ubuntu / RHEL

Windows Server

#### Backup

• Veeam Backup & Replication

• SureBackup / SureReplica

Arkeïa

Azure Backups

# HA / Load Balancing

RHCS KeepAlived

 HAproxv proxvSOL

Træfik

## Front

Apache

NginX

IIS

#### **Databases**

MySQL

PostgreSQL

SQL Analytics

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**★★★☆☆** 

Methodology: Agile Scrum Languages: ARM, PowerShell, Python, Scala

#### 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

• 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

components

- 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

CosmosDB

# Monitoring

Azure Log Analytics	* * * * * * *
Nagios / centreon	<b>★★★★☆</b>
<ul><li>MonYog</li></ul>	<b>★★★☆☆</b>
• Semonto	<b>★★★☆☆</b>

# Storage FMC VNX

Munin

HP MSA	<b>★★★☆</b> ☆
NAS/DAS	<b>★★★☆</b> ☆
GlusterFS	<b>★★★☆</b> ☆
• Ceph	<b>★★☆☆☆</b>

#### Security

Azure (SA, ANF..)

• WAF (Apache Modsecurity ; Imperva solutions)	***
• Qualys	***
• Kali	***
Azure Defender	***
<ul> <li>SonarQube</li> </ul>	***

#### Network

•	LAN : TCP/IP, DHCP, DNS, WINS, VLAN	***
•	WAN : Routing, Proxy, VPN/PPTP, DMZ	***
•	Firewalling (Soekris, Netasg, CISCO ASA)	****

#### Langages

• bash	***
<ul> <li>PowerShell</li> </ul>	***
• Python	★★☆☆☆
• Scala	<b>★★★☆☆</b>
AngularJS	<b>★★★☆☆</b>
ReactIS	****

#### Data

•	Fabric	****
•	DataFactory	***
•	DataBricks	***

# 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



#### **Technical interests**

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

# Social

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

# **Sports**

- Running / trails
- Working out
- Cycling