

## WORK EXPERIENCE

**Aug 2021 – March 2022**

**SRE | Thales Digital**

**Our team objective was to introduce linux, SRE practices, and automation in a Windows Culture**

Linux Vms Hardening using Ansible roles ( Red team assessments )

Vms provisionning automation using Ansible, Cloud-init and Hyper-V

Deploiement of Docker for new services ( No containers before that ), deployed in a Swarm Cluster

Docker hardening ( Red team assessments )

Linux Patch Managment automation using Ansible

Dashboards and Alerting for SLI and SLO with Zabbix and Grafana

Deploiement of Gitlab CI ( Runners and first CI pipelines )

**Technical skills :** Ubuntu, RedHat, Zabbix, Grafana, CISCO switches, IDRAC, StormShield, Ansible, Packer, Docker, Artifactory, Gitlab CI

**Mar 2021- July 2021**

**Crypto mining ( Canada )**

Mining rig Installation and configuration

Mining rig monitoring

**Technical skills :** msOs , minerstat, Ledger

**Jun 2020-Feb 2021**

**Cloud Engineer | Groupe la centrale ( E-commerce )**

**Contexte:** Ops inside a Data team

Stacks creation using CloudFormation for a new Machine Learning project

Configuration, deploiement, and maintenance of Tableau ( BI software ) on AWS

AWS Cost Optimization ( -30 % )

Migration from VPC to a new AWS account for Staging Environment

Cost Monitoring( LogGroups, cost explorer )

**Technical skills :** Linux, AWS ( EC2, EMR, Glue, StepFunctions, RedShift, RDS, CloudWatch, Cost Explorer, Budget, LogGroups, Serverless, CloudFormation, ElasticSearch, S3, CodeBuild )

### **Oct 2019 – Jan 2020**

#### **Cloud Engineer | Ekwater ( Energy )**

**Contexte:** Short Mission in a startup with a full-AWS infrastructure

Using terraform I created the AWS infrastructure to deploy the billing application

I migrated services from EC2 to EKS

I successfully improved web applications performances using AWS CloudFront

I created CI/CD pipelines using Gitlab CI ( Runners were deployed on AWS, Jenkins was used before that )

**Technical skills :** Linux, Terraform, Jenkins, AWS, Bash, Gitlab CI/CD, nginx

### **Feb 2019 – Sep 2019**

#### **DevOps | Edelia ( Energy )**

**Contexte:** Devops inside a feature team using SCRUM as organisation method and microservices as architecture

Configuration management and system recurrent tasks automation with Ansible ( such as user onboarding/offboarding )

CI/CD refactoring ( from Jenkins to Ansible Tower, less code and faster execution )

Docker images optimisation

OpenShift cluster Administration

AWS infrastructure design and deployment using terraform for a new project

Rebuilding the existing infrastructure using terraform

RUN

**Technical skills :** CentOS , Ansible, Jenkins, Docker, Terraform, AWS, Openshift, Bash, Apache

### **Mar 2018 – Jan 2019**

#### **DevOps | BNPP ( Bank )**

**Contexte:** Devops in a RUN team in charge of Java applications

Application monitoring refactoring for RUN teams using Autosys, Python scripts, bash scripts and Splunk to aggregate and index logs

I containerized Java 8 Applications Using Docker, then I automated Build and deployment using Jenkins to reduce Time to market, containers were deployed in a k8s cluster

Docker Image build optimisation ( smallest possible images to improve CI pipeline speed )

Level 4 support for BNP Paribas archiving apps

Java 8 tools development like a mass data extractor to help RUN teams

System tasks automation ( ie linux upgrades ) using Ansible

**Technical skills :** CentOs, Bash, Ansible, Java/JEE, Splunk, Python, Docker, Jenkins

**Mar 2016 – Mar 2018**

**Network administrator | French Army**

**NCO** in the 28th signal Battalion

I was in charge of deploying, configuring and maintain LANs in Command Centers, ensuring NATO security compliance and 24h availability

Opérations: Sentinelle (France), Barkhane (Mali), Neptune (France), Taranis (France)

**Technical skills:** CISCO switches and routers, Thales security Hardware (Mistral, Datacryptor, EquinOps )

**Sep 2013 - Sep 2014**

**Java Developer | RATP et SNCF**

**Context:** In an 8 developer team, new version development of two Major applications

- « PlanDeVoies »: used by SNCF to manage the regional railway network maintenance

- « SITTE »L: used by RATP to reference all public transportation stops

I was a backend java developer, in charge of API's development, I used Spring IOC, JAX-RS, Jersey and Hibernate

**Environnement technique :** JEE, Eclipse, Maven, Spring IOC, Hibernate

## **CERTIFICATIONS**

AWS Security Specialist ( 2020 )

AWS Architect Associate ( 2020 )

AWS SysOps Administrator ( 2020 )

## **EDUCATION**

**Aug 2015 | Computer Science Master**

EFREI (Villejuif)

**Jan 2013 | DUT informatique ( 2 years degree )**

IUT de l'université Paris 13 (Paris)

**July 2009 | Bac ( A-Levels equivalent )**

Lycée Montesquieu (Herblay)

**LANGUAGES**

**English** - TOEIC 920  
**French** - Native