# Maxime SOURDIN

## About

- **23 years**
- **Cloud engineer at Orange Business Services**
- Linkedin: **linkedin.com/in/maxime-sourdin-15b082154**
- Mail: **maxime@sourdin.ovh**
- Languages: **English (TOEIC: 620)**, **French (Native language)**

## Skills

### Orchestration and automation

- **Containers orchestration**: Docker, Podman, Kubernetes
- **Building virtual machines**: Hashicorp Terraform, Openstack Heat, cloud-init, Hashicorp Packer, Ansible playbooks
- **GitOPS with secret management**: ArgoCD, Hashicorp Vault
- **Web services**: CloudFront, Traefik, Nginx, Caddy
- **Artifacts storage**: ECR, Nexus3
- **Financial and usage reporting**: Kubecost, Infracost
- **Development**: Python
- **CI/CD & Scripting**: Github Actions, Gitlab CI/CD, Bash, Powershell, Batch
- **Providers**: AWS, FlexibleEngine, OVH, Scaleway

### Monitoring

- **Monitoring with pipelines**: GitLab CI/CD
- **Building monitoring stack**: Grafana, Prometheus/Prometheus-Operator, Promtail, Loki, ElasticSearch, Kibana, InfluxDB
- **Supervision**: Centreon, CheckMK, Munin
- **Status page**: Cachet

### Storage management

- **Object Storage**: S3 (AWS, Openstack)
- **Scaleable File System**: EBS, NFS
- **Bare-metal**: FreeNAS/TrueNAS, OpenMediaVault

### Hardening and Forensics

- **Kernel and Network hardening**: sysctl, firewalld, fail2ban, pf, iptables
- **Disk encryption**: LUKS, Veracrypt, Bitlocker
- **Firewall**: PFSense, OPNSense
- **Investigation**: Timeline Explorer, Volatility, fls and icat
- **Network analysis, scanning and manipulation**: Maltrail, Wireshark, NMAP, Burp Suite
- **Web app scanning and hardening**: Aquatone, wp-scan, DIRB, blackdir
- **Threat scanning**: YARA, Chrootkit, Trivy

### Administration

- **Database management**: PostgreSQL, MariaDB
- **Network configuration**: Static/dynamic routing, LACP, VLAN, ACL
- **Network modeling**: Cisco Packet Tracer, Visio
- **VPN configuration**: OpenVPN, Wireguard, Tinc
- **DNS server configuration**: Unbound, NSD, dnsmasq

## Experience

### Permanent contract: Cloud engineer

Orange Business Services, **10/2021- Now**

- Improving monitoring system && implementing dashboard provisionning

- Implementing FinOps solution (Kubecost) with custom dashboards
- Working on custom exporters for Flexible Engine, for FinOPS and monitoring
- Improving script to produce bills for AWX
- Working on network security policies and security policies on Kubernetes

## Apprenticeship: Cloud specialist

Orange Business Services, **09/2020 - 09/2021**

- Automated tests chain with Ansible/GitlabCI/CD on cloud environment (Flexible Engine, Kubernetes)
- Monitoring system (recipe chain, Grafana, Prometheus, AlertManager)

## Apprenticeship: Security

ABI France, **10/2019 - 07/2020**

- Firewall configuration (Pfsense)
- RMM implementation (NinjaRMM)
- Server migration (Windows Server, Debian, Ubuntu, ESXi)

## Internship:

DGFIP's IT services, **01/2019 - 02/2019**

- Workstation preparation
- Rack cartography (ODC)
- Switch configuration (IOS)

## Internship

Lycée de la Salle, Rennes, **05/2018 - 06/2018**

- System image creation (FOG)
- Supervision solution (Zabbix)
- Update management (WSUS)

# Education

## Certifications

### AWS Cloud Practionner

2021: **#N3YKFG5JBEQEQ13K**

## Degrees

### Bac+4 Cloud Specialist

CNAM, **2020-2021**

### Bac+3 Sécurité informatique

Groupe Saint Jean Rennes, **2019-2020**

### BTS SIO SISR

Groupe Saint Jean Rennes, **2017-2019**

### Bac ES (Sciences sociales et politiques)

Lycée Notre Dame des Marais Fougéres, **2015-2017**