

## Mourad AZRI

20, rue Jacqueline Auriol  
69008 LYON - France  
mail: mouradazri76@gmail.com  
47 ans  
+33620887514



## **Objective: Integrate a DevSecOps position to support dev teams in securing their containerized infrastructure and their CI/CD**

*With an experience of more than 18 years in the IT field with a specialization in the fields of Linux systems and security, I naturally oriented myself towards the DevSecOps profession.*

*Support dev teams. in securing their infrastructure. containerized and their CI/CD is one of my goals.*

*Continue to learn and provide some expertise and exchange with stakeholders to improve and optimize the IS.*

*I adapt to any type of IT project and would be happy to help you on these different subjects.*

*Novice in the DevSecOps profession, but trained, I am motivated and my technical bases allow me to be quite serene about my future integration into this position.*

## **MAIN TECHNICAL SKILLS**

**OS :** Linux OS, Windows clients, Windows AD

**Languages :** Shell scripting, Python, YAML, other...

**DB :** MySQL, Ingres DB, PostGres

**Network & Security :** Tcp/IP, VPN, IPTables, pfSense, OS hardening, pentesting, analyse malware, forensics, snort, suricata

**Virtualization :** Vmware VSphere , Virtualbox, Proxmox, Hyper-V

## **KEY TECHNICAL SKILLS AND DEGREE OF MASTERY (1 to 5)**

**Web servers :** Apache, NGINX (5)

**Configuration deployment :** Ansible (4), Rundeck (4)

**DevSecOps :** Jenkins/Gitlab-CI/Travis-CI (2), Flake8, Dockle (2), Trivy (2), Kube-Bench (2), KubeLinter (2), Checkov (2), Bandit (2), Kubeaudi (2)t, Kube-scan (2), Kube-score (2), WebGoat (3), TruffleHog (2), Nikto (2), Nancy (1), CycloneDX (1), Retire.js (1), Bundler-audit (1), npm-check (1), Bandit (1), GoSec (1), Semgrep (1), Betterscan (1), Brakeman (1), Horusec (1), SonarQube (1), ZAP (1), Wapiti (1), Nuclei (1)

**Container :** Docker (4)

**Management stack/env clusters containers :** Rancher (3)

**Orchestration :** Kubernetes (2), Terraform (1)

**Registry :** Harbor (2)

**CI/CD :** Jenkins (2), GIT (3), Gitlab (3)

**Cloud :** AWS (1), GCP (1)

**Security recommendations :** OWASP 10 (2), CIS Benchmarks (2), STRIDE model (2)

**Supervision :** Centreon (3), check\_mk (3), Zabbix (3), Prometheus (2), Grafana (2)

## **OTHER TECHNICAL SKILLS**

**Hosting services :** OVH, Online, Scaleway.

**Microsoft :** MS365 admin center

**Storage :** NFS, NAS, sshfs, DFS

**Backups :** Katarina, Cloudstation, Veeam Backup, Proxmox backup

**Ticketing/Collaborative tools :** Quality Center, Asset Center, Service Center, HP Openview, Maia, Redmine, Easy Redmine, Jira

**Hardware :** Westermo, ZyXEL, HP, CISCO.

**Web :** Framework Django, Wordpress, Joomla

**InfoSec tools :** Kali Linux, BlackArch, Tsurugi, REMnux, WSUS, Putty, OSGDS, Suite Office.

**Home lab :** Proxmox, NAS, Router Firewall

## **SOFTS SKILLS**

Self-taught in power

Strong team spirit

Persevering, Curious

Linux and security enthusiast

Appropriates the technical environment and quickly builds skills

Force of proposal to improve / optimize the existing

Has a strong technical background

Pedagogue

## PROFESSIONAL EXPERIENCE

### LINUX ADMINSYS/SECURITY DEVOPS ORIENTED - SEQUOIASOFT - LYON

March. 2022 – May 2023

- MCO Rancher
- Processing incident requests/tickets
- Restore db prod to env dev and pprod
- Upgrade to minor/major application version
- Migrations
- Security log review

#### Technical environment :

*ArchLinux, Docker, Harbor AWS, Proxmox, LXC, Nutanix, Rancher, Apache, Nginx, Tomcat, PostgreSQL, Ansible, Rundeck, Sophos UTM, Gitlab, Jenkins, Script Shell, Easy Redmine*

### WORKING ON PERSONAL PROJECT RELATED TO JAPAN - LYON

Déc. 2021 – Mars 2023

### SYSTEMS AND NETWORKS MANAGER – GAC TECHNOLOGY – LYON

Sept. 2019 – Dec. 2021

- Creation, configuration, administration, backups, system and network security
- Building site: CI/CD environment (build)
- Env preprod CI/CD : OVH (run)
- Env prod : AWS, IPGarde (run)
- Linux clients: 30 (Mint, Ubuntu), Windows 10 clients: 33
- Hypervisor : Proxmox, VMware
- Windows AD, Zentyal
- Firewall : pfSense
- Network : HP Proliant, Procurve
- Storage, backups: NAS Synology
- Industrialization, automation: Fog, Ansible
- DevOps tools: Docker, Git, Gitlab
- Monitoring: Zabbix
- Windows and Linux user support, system troubleshooting
- Management of user badges, printers, IP telephony, IT commands, Audio/Video commands
- Administration MS365
- Securing and auditing systems
- Participation in system and network infrastructure development projects
- Creation and provision of new tools to the various project and dev teams
- Management of a team of 2 people

### DEVOPS ENGINEER TRAINING

April 2019 – July 2019

### MICRO ENTREPRENEUR – LINUX AND SECURITY ENGINEER

January.. 2018 – March 2019

### SYSADMIN LINUX - INFOLEGALE – LYON

June 2016 – Dec. 2017

*System administration of a multi-hosted full Linux web platform + Windows user support*

- Installation-Configuration-Administration of backend-frontend servers (Apache web server, MySQL 5.6 databases, HAProxy under Debian/Ubuntu)
- Server park of around 220 virtual and physical machines
- Customer fleet of approximately 40 Dell machines under Windows 10
- Hosting OVH, Online, Scaleway.
- Exchange hosted OVH
- Windows Server 2012 R2 Active directory
- Monitoring, performance tuning, backups, windows and linux user management, system troubleshooting
- MySQL architecture: primary/replica
- Linux system hardening

- Setting up the infrastructure and deploying the configurations
- Implementation of bash script + php script in collaboration with the Dev team
- Redaction of procedures and documentation
- Design and implementation of test environments
- Nessus vulnerability scan administration/configuration
- User safety awareness
- IP telephony management

Technical environment :

*Proxmox, VMWare server, Windows servers, PFsense, IPtables, fail2ban, WSUS, Debian Ubuntu, Ansible, Gitlab, TCP/IP, SSL, IP/SEC, DNS, Check\_MK (monitoring Nagios3), ELK, Sphinx, Graylog, mysql-workbench, redis, PHP-fpm, Dovecot, dokuWiki, Katarina backup, Gluster, Postfix, Nessus, bornes wifi, imprimante/scanner, ProFTPd, vsFTPd, gestion des badges d'entrée, Teamviewer, OpenVPN, keepass, syspass,...*

**SYSADMIN LINUX - SERCO – SOC EUROPEAN COMMISSION - LUXEMBOURG**

*April 2015 – July 2015*

*System administration within the backend security team (SOE) of the security operations center*

- System and application administration of SOC components
- Configuration, monitoring, performance tuning, backups, user management, system troubleshooting
- Linux system hardening
- Implementation of the infrastructure and deployment of solutions
- Redaction of procedures, documentation
- Design and implementation of test environments

Technical environment :

*VMWare servers, Windows servers, WSUS, Linux servers, Ansible, NetAPP storage FAS/NAS/SAN, HP ArcSight components (loggers, log forwarders, smart connectors, ESM,...), TCP/IP, IP/SEC, DNS, System Firewall, Checkpoint, Suricata, FireEye, Centreon*

**LINUX SYSTEM INTEGRATOR- ITS GROUP – SNCF - LYON**

*August 2012 – July 2014*

*Preparation of application MEPs on the qualification, acceptance, pre-production and production environments (change management)*

- Preparation of application to go-live on qualification, acceptance, pre-production and production environments (change management)
- Integration of technical fixes
- Integration of application patches
- SSH key management
- Investigate following a safety or audit recommendation
- Develop platforms (PRA implementation, replace servers)
- Develop and/or adapt integration tools on customer request (scripting)
- Support audits
- Manage level 3 incidents
- Support to MEPP and MEP
- Ensure the follow-up of non-production environments
- Drafting of DAT, DEX and DIT
- Work in ITIL environment

Technical environment :*Red-Hat, Unix, Solaris, Suite Office, Bash, SSH, vmware, webmin, sql, db ingres, visual dba, osgds, xming, putty, ftp, cft, CUPS, Asset center, NIS, NFS, Quality Center*

## NETWORK AND SYSTEM ADMINISTRATOR - SATXPRO - EDF - LYON

January 2010 – April 2012

*Network and system administration of satellite and fiber supervision solutions. Configuration of servers, routers, switches and other on-board equipment, supervision and system metrology.*

- Network and system administration | Network monitoring
- Administration and security of CentOS servers
- Shell scripting
- Implementation of satellite/adsl/fiber supervision solution
- CentOS environment (Shell, bash scripting)
- Configuration vpn, firewall, DNS, NAT, Apache
- Network recipes, design of network models
- Network prototyping, box design, production, industrialization, production, MRO
- Creation of deliverables (MS Visio technical documentation, procedures, etc.)
- Configuration of routers, switches
- Implementation of satellite supervision solution
- Implementation of Nagios/Centreon supervision and metrology
- Installation and configuration of Sony PTZ cameras
- Installation and configuration Cisco IP phone
- Web design (html, flash, xml)
- Manage level 3 incidents
- MRO
- Technical manager / project hat
- Cisco (IOS)
- Westermo (WeOS)
- HP
- Zyxel (ZyOS)

### Technical environment :

*CentOS, Westermo, HP, CISCO, ZyXEL, SONY, iptables, firewall, ssh, tcpdump, wireshark, putty, ftp, cft, CUPS, SIP, ToIP, supervision réseau Nagios/Centreon, UPS, Satellite, ADSL, Fibre, Suite Office*

## TECHNICAL REFERENT LII - GETRONICS - RENAULT TRUCKS/VOLVO IT - LYON

March 2007 – Nov. 2009

- Technical referent – level II support
- Windows XP system
- NII incident resolution on SIEBEL VINST ticketing tool
- Incident expertise on TCP/IP network, LAN, VLAN, WIFI
- Master creation/Remastering of client workstations
- Deployments
- Development of procedures for technicians in place
- Drafting of technical documents
- Creation of masters, and remastering and configuration of client and server workstations
- Microsoft administration: Active Directory 1st level
- VBS scripting and automation
- Implementation of network boot solution (PXE)
- Weekly meeting and technical committee, bi-monthly technical round table
- Activity reporting and monthly dashboards
- VIP support and mobility
- Sensitive data backup
- Technical referent for the 3D/Design department
- Work in ITIL environment

#### Technical environment :

*Windows XP, Suite Office, LAN, WIFI, TCP/IP, outil de prise en main à distance, Norton ghost, 3D, Réparation Hardware, SIEBEL Office*

### **TECHNICAL REFERENT LII – SELLBYTEL – HEWLETT-PACKARD - LYON**

*January 2005 – March 2007*

- HP LI-LII IT support technician (French/English bilingual)
- Remote control support
- Windows XP system
- Network troubleshooting (LI LAN/WAN/VPN diagnosis and resolution)
- Password administration, HP Intranet/Internet
- Application troubleshooting (office applications and others)
- Print server management, network printers (HP)
- users shares, groups shares administration
- OS troubleshooting
- HP processes management
- LII processing, incident qualification (via citrix)
- Nagios script processing
- 3-month mission at Carrefour client management and sql base troubleshooting (sql server)

#### Technical environment :

*Windows XP, Suite Office, LAN, WIFI, TCP/IP, VPN, outil de prise en main à distance, administration droits utilisateurs, Serveur impression, Nagios script, sql server*

### **MODELOR/ANIMATOR 2D-3D – LYON AND MONTREAL (CANADA)**

*Before 2005*

## **TRAININGS**

### **DIPLOMA (LEVEL)**

Institut PITIOT Diploma in marketing 2000

### **HERVÉ SCHAUER**

SANS SEC560  
Network Penetration Testing and Ethical Hacking 2011

SANS FOR610  
Reverse-engineering malware, malware analysis tools and techniques 2013

### **IB FORMATION**

Linux Cluster 2012  
Axway CFT 2013

### **INFOLEGALE**

Advanced MySQL Administration 2017

### **SELF-TEACHED**

LPI Certification Linux Administration I-II 2010  
Django 2018  
Docker advanced 2018  
DevOps 2018  
Android app dev 2019  
Practical Windows Forensics 2022  
Refresh Docker and containers: Architectures, dev, uses and tools 2022  
DevSecOps : Develop and administer your services securely 2023  
AWS (in progress) 2023

## LANGUAGES

ANGLAIS	Fluent
JAPONAIS	Level JLPT4-5 (intermediate)

## HOBBIES

SPORTS	Volley-ball
ART & CRAFTS	Kintsugi (Traditional Japanese art of restoring broken ceramics using gold joints, silver, bronze , ...)
OTHERS	Japon, Japanese culture

## INTERNATIONAL PROFESSIONAL EXPERIENCE

CANADA
LUXEMBOURG