

LANGUAGES

FRENCH

ENGLISH

ABOUT ME

A proficient Linux and DevOps Expert with over 7 years of experience in managing IT infrastructures. Expert in Linux administration, configuration, and security. Skilled in implementing CI/CD pipelines, using configuration management tools like Ansible, and working with containerization technologies such as Docker. Knowledgeable in cloud platforms, particularly AWS. Strong problem-solving abilities and adept at collaboration within cross-functional teams. Committed to continuous learning and adopting industry best practices.

LINKS

linkedin:
<https://www.linkedin.com/in/mm-ad/>

github:
<https://github.com/dkn-maida>

medium:
<https://medium.com/@mehdi.aid3>

DRIVING LICENSE


Driving license category
Permis B

MEHDI AIDA

DEVOPS/LINUX ENGINEER



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WORK EXPERIENCE

TOTSA
Geneva
May 2023-Present

- Linux Engineer**
- Linux administration of 150 redhat hosts
 - Migration from RHEL7 to RHEL8
 - Lifecycle and patch management using RedHat Satellite
 - Provisioning, hardening and run Automation using Ansible
 - Migration of Ansible workflows to Ansible Automation Platform
 - Migration of OS monitoring from Nagios to Prometheus and Grafana
 - Nagios Administration
 - Troubleshooting, python and bash scripting
 - Development of a custom prometheus exporter to monitor oracle databases
 - Docker swarm cluster administration, harbor docker registry administration (running on Mirantis Kubernetes Engine)
 - Migration from the docker Swarm orchestrator to Kubernetes
 - orchestrator in Mirantis Kubernetes Engine

Technical environment: Red Hat Enterprise Linux (RHEL), Bash, Python, Ansible, iptables, nagios, prometheus, Grafana, iSCSI, RedHat satellite, Mirantis Kubernetes Engine, Azure Devops

THALES
Paris
Aug 2021-Mar 2022

- Linux System Administrator/SRE**
- Industrialization of the RTDP platform, marketed by Thales to host classified data with limited distribution for its clients
 - Implementation of a validation platform provisioned via Ansible and Packer on Linux servers
 - Linux VM hardening and security management
 - Automation of VM provisioning including extensive configuration of Linux systems
 - Compliance with ANSSI standards for a number of services, with a focus on Linux system configurations
 - Implementation of Docker, Gitlab CI/CD, and BitWarden on Linux environments
 - Regular maintenance, patching, and troubleshooting of Linux servers
- Technical Environment:** CISCO Switches, HyperV, IDRAC, StormShield and PaloVista Firewalls, Ansible, Packer, Docker, Artifactory, Gitlab CI/CD, Linux

GROUPE LA CENTRALE
Paris
Jun 2020-Feb 2021

- Cloud Engineer**
- Creation of Linux-based stacks for new projects of the DATA team.
 - Running and troubleshooting Linux instances on AWS. Simplification and optimization of Linux-based infrastructure.
 - Setup and management of Linux security groups and network ACLs in AWS.
 - Monitoring of costs and resources for Linux instances (LogGroups, cost explorer).
 - Linux server performance tuning and cost optimization on AWS.
- Technical Environment:** AWS (EC2, EMR, Glue, StepFunctions, RedShift, RDS, CloudWatch, Cost Explorer, Budget, LogGroups, Serverless, CloudFormation, ElasticSearch, S3, CodeBuild), Linux.

DATANUMIA
Feb 2019-Sep 2019

- DevOps / Linux System Administrator**
- Automation of system tasks on Linux systems via Ansible
 - Creation and management of CI/CD pipelines for applications running on Linux environments.
 - Creation of AWS infrastructure from scratch with a focus on Linux configurations for a predictive maintenance project POC
 - Linux server performance tuning, troubleshooting, and security hardening.
 - In-depth Linux system administration including user management, file systems, network configuration, and service management.
- Technical Environment:** Ansible, Jenkins, Docker, Terraform, AWS, Openshift, Bash, Apache, Linux.

BNPP
Mar 2018-Jan 2019

- DevOps / Linux System Administrator**
- Overhaul of monitoring for the RUN team on 10 Linux-based applications using AutoSys, Python, Bash, and Splunk.
 - Automation of builds and application deployments on Linux servers using Jenkins and Ansible.
 - Implementation of Docker containerization for 6 applications on Linux environments.
 - Advanced Linux system troubleshooting, performance tuning, and security enhancements.
 - Level 4 support on BNPP archiving applications, focusing on Linux systems.
- Technical Environment:** Bash, Ansible, Java/JEE, Docker, Jenkins, Linux.

ARMEE DE TERRE
Mar 2016-Mar 2018

- Network Administrator**
- Design, deployment, configuration, and management of LANs with NATO security level for command centers.
 - Maintenance and troubleshooting of network systems, ensuring compliance with high-security standards.
 - Specialized in configuring and securing networks on Linux-based systems
- Technical Environment:** CISCO Switches and Routers, Thales security equipment (Mistral, Datacryptor, etc), Linux.

EDUCATION

EFREI
Villejuif
2015

Master of Science in Computer Science

IUT OF PARIS 13 UNIVERSITY
Paris
2013

DUT in Computer Science

LYCÉE MONTESQUIEU
Herblay
2009

Baccalauréat ES

SKILLS

