

Mohamed El Mouctar HAIDARA

Senior Platform/DevOps Engineer - SRE - 8 YOY

Experiences

Since 12/2021



Checkout.com

Senior Platform/DevOps Engineer at Checkout.com, Paris, France

Part of an Issuing product team and leading the department SRE guild:

- **Enhanced deployment safety** with canary and blue-green deployment strategies (Terraform, Octopus Deploy), ensuring uninterrupted transaction processing.
- **Standardized performance accountability** using SLOs/SLIs, aligning real-time monitoring with business key metrics: Transaction Processing Volume, approval rates, uptime (99.99%), and latency.
- **Drove multi-region expansion** by redesigning IaC, defining pipelines, and implementing region-aware monitoring, accelerating time-to-market for 3+ regions.
- **Cut infrastructure costs by 12%** by stopping unused resources during off-hours and reducing ECS tasks while maintaining performance with scaling policies.
- **Led PCI audits** by guiding teams, automating compliance tools, and collaborating with stakeholders to ensure adherence.
- **Championed SRE best practices** as guild leader, organizing workshops, knowledge-sharing sessions, and gamified incident simulations to foster team growth, boost confidence, and drive continuous improvement.

Environment: AWS, Spacelift/OPA, GitHub Actions, Harness, Octopus Deploy, SonarQube, Datadog and Wiz.

10/2019 - 12/2021



Cloud Consultant at GrtGaz, Technical Architect, Courbevoie, France

Worked in the Platform Team with 10 people to migrate legacy applications to the Cloud (RIO program, budget: 78 M€):

- Standardized CI/CD workflows with reusable GitLab CI templates, reducing pipeline setup time to under an hour and ensuring consistent deployment practices.
- Designed and implemented shared infrastructure components, including Terraform modules, Elasticsearch, AWS Transit Gateway, and AWS Managed Kafka (MSK).
- Acted as Technical Architect, providing strategic guidance on infrastructure design.

01/2021 - 12/2021



Cloud Engineer at SFEIR (consulting company), Paris, France

Delivered tailored cloud solutions for clients as a trusted consultant, driving infrastructure modernization.

06/2019 - 10/2019



Cloud Consultant at Airbus Helicopters (part-time), Marignane, France

- Designed a serverless data pipeline (AWS Lambda, S3) to process and analyze post-flight aircraft data enabling operational insights.
- Ensured system reliability and maintainability through robust testing frameworks (Pytest, Moto) and CI/CD integration (GitLab CI).

01/2018 - 10/2019



Cloud and Automation Consultant at Veolia, Technical Architect, France

- Established an AWS software factory and trained teams (~10 developers) on Git branching strategies, streamlining development processes (GitHub flow), reducing the time to market of new features and bug fixes (Terraform, Ansible, Jenkins, Artifactory, Docker).
- Designed an in-house serverless proxy for the DUNs API to verify company information, increasing data accuracy and reducing client onboarding time (AWS Lambda, API Gateway, S3 and Travis CI).

09/2017 - 01/2018



DevOps Consultant at Deveryware, Paris, France

- Deployed applications to OpenStack on OVH using Terraform, Jenkins, and Ansible.
- Built [Ansible Playbook Grapher](#), an OpenSource tool to visualize complex playbooks giving insights into their execution flows.

09/2017 - 12/2020



Cloud Engineer at D2SI/Devoteam (consulting company), Paris, France

Delivered tailored cloud solutions for clients as a trusted consultant, driving infrastructure modernization. Partnered with AWS as a featured speaker at events, sharing best practices around DevOps and Cloud.

2017



End of Study project - DevOps engineer at Electricity of France, Paris, France

Enhanced the DevOps service offering by developing a Python-based system with InfluxDB and Telegraf for continuous metrics collection enabling stakeholders to make data-driven decisions.

2016



Full-stack software engineer intern at Casino Group, St-Étienne, France

Modernized a Java EE application for bulk-loading CSV files into relational databases, enhancing updates of undelivered goods data and improving data accuracy for operational teams.

2015



Software engineer intern at Oracle Corporation, Grenoble, France

Built developer tools to simplify Oracle Unified Directory (OUD) application development and created a proof-of-concept Android app using the tools I built.

Certifications

08/2024

HashiCorp Certified: Terraform Associate

[Verification link](#)

03/2024

AWS Certified DevOps Engineer – Professional

[Verification link](#)

06/2021

GitLab Certified Associate

[Verification link](#)

Education

2014 - 2017



Computer Science Engineering at INSA Lyon & Chalmers, France & Sweden

- Master's degree in Computer Science Engineering at INSA Lyon, one of the best engineering schools in France.
- Spent 6 months as an exchange student at Chalmers University of Technology: algorithms, distributed systems, intellectual property, model driven development.

2012 - 2014



2 years of Bachelor of Science in mathematics and computer science at Lyon 1 University, Lyon, France

Technical Skills

AWS, Serverless, Terraform/IaC, Distributed Systems, Observability/Monitoring, GitOps, Kubernetes, Docker, Jenkins, Python, learning Go and Rust, Ansible, CI/CD.

Languages

English Full Profesional Proficiency
Bambara Native

French Native
Sonhraï Intermediate