

MAMADOU NDIAYE

SRE CLOUD / DEVOPS

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Nationality: Francaise

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OBJECTIVE

Self-motivated, team player with strong organizational and interpersonal skills, continuous learning addict.

EXPERIENCE

Bordeaux

Avril 2024 - Present

Consultant Cloud Architect And DevOps

SCC France

- **Cloud Support:** Strategic and operational consulting for cloud migration, from auditing the existing infrastructure to implementing the migration and maintaining operational readiness.
- **Infrastructure Optimization and Security:** Continuous improvement of architectures with cost optimization (FinOps), strengthening security practices (audit, compliance, IAM), and process automation (CI/CD).
- **Monitoring and Observability:** Implementation of advanced monitoring solutions to ensure infrastructure availability, performance, and resilience. Proactive incident analysis to improve operations.
- **Team Training:** Raising awareness and upskilling IT teams on tools, security best practices, and the use of monitoring solutions to optimize operations management.

EXPERIENCE

Bordeaux

Oct 2021 - Present

SRE Cloud DevOps

BetclicGroup

- "Migrated monolithic applications from on-premises to AWS and Azure, transforming them into scalable, distributed microservices architectures."
- Automate and maintain on-premise and cloud infrastructures and applications. Identify means and ways to make the system more client and optimise resources.
- N3 support level, create and implement security best practises, high availability, and scaling
- Evolve the platform and hardwares

Toulouse

Dec 2019 - Oct 2021

Infrastructure engineer and cloud architect

Airbus subcontractor for Computacenter

- Security and compliance administrator for Unix and Linuxscope and automation
- Project on satellite 5/6 ITSM implementation and compliance assessment so ware developement
- Architecting on aws and devops implementation with terraform, kubernetes cluster and Gitlab

Toulouse

Aug 2016 - Dec 2019

Infrastructure and cloud consultant

Airbus subcontractor for Devoteam

- Linux expert, architecting (on aws and on premise) and integration of applications
- Linux/Unix and BladeLogic system engineer and automation
- Python developer for a malware analysis web platform, CI/CD with Devops and agile practises

Toulouse
Jan 2016 - Aug 2016

System and network administration internship 3MA Group

- Incident management and IT support. Servers administration(windows, linux, sql, exchange) networking, monitoring and maintenance
- Deployment of an intranet with Sharepoint
- Virtualization with Hyper-V and storage

Toulouse
May 2015 - Sep 2015

Summer internship system and network admin NETIKA

- Redhat and Debian Server Administration and IT support
- Active Directory implementation with Samba4 and GPO management
- setting up VOIP with Asterisk, print server with cups

EDUCATION

Strasbourg
2014 - 2016

Master degree Supinfo University

System administration, networking and programming

Senegal
2013 - 2014

Professional License CFPP/UGB (Senegal)

Telecommunications and networks

Senegal
2011 - 2013

Technical degree ESP / UCAD (Senegal)

Telecommunications and networks

Toulouse
2020

Certifications

AWS Certified DevOps Engineer Professional
AWS Solution Architect Associate
AWS SysOps Administrator Associate
AWS Cloud Practitioner

Ongoing Certifications

AWS Certified Solution Architect Professional
CKA

SKILLS

- Python/ shell/Bash/powershell
- NetworkingLan/ Routing/TCP/IP
- Centreon/Datadog/AppDy/Graphana
- Devops/Gitlab/ Puppet/Terraform/octopus
- Docker/Kubernetes/EKS/ECS
- AWS Architecting/optimizing/Migration
- PHP/ HTML/SQL/ JS
- MySQL/ SQLServer/ Oracle/MongoDB
- Unix/ Linux/Windows/Nutanix
- VMware/Hyper-V/Citrix/Netscaler

LANGUAGES

French
Native

English
Advanced. Toefl