

Antonio Da Fonseca Correia

DEVOPS & MLOPS | AI PLATFORM ENGINEER

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Paris, France

PROFILE

DevOps / AI Platform Engineer with over 5 years of experience in production environments, startups, and scale-ups. Specialized in Infrastructure as Code, CI/CD automation, observability, and operating cloud and AI/ML platforms on AWS, GCP, and Scaleway. Experience refactoring 30+ Terraform modules, standardizing 50+ client environments, and optimizing infrastructure costs.

SKILLS

AWS GCP SCALEWAY PROMETHEUS GRAFANA FINOPS GITHUB ACTIONS CADDY JIRA
TERRAFORM KUBERNETES DOCKER JENKINS VECTOR DATABASES OPENOBSERVE VPC
LINUX/UNIX BASH PYTHON SECURITY GROUPS APACHE TRIVY MYSQL COST EXPLORER
BITWARDEN POSTGRESQL IAM

MULTICLOUD

Designing and deploying resources for large-scale multi-cloud infrastructures.

SYSTEM ADMINISTRATION

Linux/Unix administration. Proficient in production, pre-production, and dev environments.

CI/CD & AUTOMATIONS

Automation of the release/deployment cycle, automated fleet introspection, and development of CI/CD tools.

FINOPS

Automated resource cleanup, right-sizing, automated cost reporting, and budget optimization.

MLOPS / DATA & IA

Vector database management, LLM model deployments, S3 data storage, PostHog.

MONITORING & OBSERVABILITY

Proactive multi-channel health checks and alerting to Slack, Terraform drift observability (IaC), and DLM snapshot management.

EXPERIENCE

DEVOPS / AI PLATFORM ENGINEER

nov. 2025 - present

Craft AI, Paris (France)

AI Platform Engineer, permanent contract for a production AI platform, covering the full development, deployment, and monitoring cycle for ML models.

Key achievements:

- IaC architecture overhaul: migrated and consolidated 30+ Terraform modules into a modular, multi-provider v2 structure, reducing duplication and onboarding time for new environments.
- Multi-cloud infrastructure management (AWS, GCP, Scaleway) covering 50+ client environments: standardized naming conventions, variables, and outputs across all 3 providers to ensure consistency and maintainability at scale.
- Built a complete AI/ML monitoring stack: Prometheus for infrastructure metrics, Grafana for real-time dashboards, OpenObserve for log aggregation.
- Cloud infrastructure cost optimization: conducted a full AWS audit, implemented Reserved Instances, rightsized EC2/RDS, reducing monthly spend by 10%.

- Close collaboration with Data Science teams: deploying models to production, optimizing inference latency, and improving the ML pipeline.
- Automated ML model deployment via GitHub Actions and Jenkins: full CI/CD pipeline with automated testing, model validation, and progressive rollout.
- MLOps architecture documentation: infrastructure diagrams, operational runbooks, and troubleshooting guides for teams

DEVOPS ENGINEER

Wethenew, Paris (France)

jun. 2022 - jan. 2025

DevOps Engineer on assignment, working on AWS cloud infrastructure and DevOps automation for a premium sneaker e-commerce platform.

Key achievements:

- Analyzed, diagnosed, and resolved incidents on production and development environments, including application errors, deployment issues, and performance degradation, using New Relic and AWS CloudWatch.
- Automated provisioning of development environments, ECS services, and EC2 instances via Terraform, following an Infrastructure as Code approach.
- AWS IAM administration: managing users, groups, roles, policies, and permissions according to the principle of least privilege.
- Developed Bash scripts to automate recurring operations, including database backups and restores, as well as access control for production databases.
- MySQL administration: managing users, databases, tables, and application-level access rights and privileges.
- Created, configured, and maintained Dockerfiles and GitHub Actions workflows to automate continuous integration and continuous deployment processes.
- Maintained and optimized CI/CD pipelines to improve deployment reliability, delivery speed, and environment stability.
- Integrated DevOps tools with Slack to streamline approval processes, centralize New Relic infrastructure alerts, track error rates, and monitor platform health.
- Developed Python AWS Lambda functions to automate and optimize operational workflows.
- Formalized DevOps documentation on Notion: operating procedures, infrastructure diagrams, database access, monitoring tutorials, and internal processes.

LINUX SYSTEM ADMINISTRATOR / DEVOPS ENGINEER

Data Service Group, Delaware (États-Unis)

jan. 2020 - mar. 2022

Linux systems administration and DevOps automation for distributed, multi-server infrastructure.

- Linux systems administration: managed user accounts and permissions via CLI, monitored system performance (CPU, RAM, disk), and analyzed system logs for troubleshooting.
- Maintenance automation: Bash scripts for automatic system updates and security patches, reducing maintenance time.
- Advanced Bash scripting: automated administrative tasks (log rotation, cron jobs, incremental backups), server health monitoring with alerting.
- Web server configuration: installed and optimized Apache and Nginx for hosting web applications (static and dynamic sites), configured SSL/TLS, load balancing.
- Network security management: configured firewall rules (iptables, security groups), SSH hardening, certificate management.

- Secure remote access setup: configured SSH with key-based authentication, managed authorized_keys, and bastion hosts.
- Virtual machine deployment: created and managed VMs with VirtualBox and VMware for dev/test environments, using reusable templates.
- Backup and recovery strategies: implemented automated backup solutions, conducted regular restore testing, and documented disaster recovery procedures.
- Technical documentation: wrote system configuration guides, troubleshooting procedures, and architecture documentation for team reference.

TECHNICAL EDUCATION

- **DevOps Bootcamp - Udemy** (2019)
Intensive training in DevOps practices, CI/CD, and cloud infrastructure.
- **Coursera - Online Courses** (2019)
Linux/Unix systems administration, scripting, and automation.

EDUCATION

- **Law School - Université de Rouen** (2016-2019)
2 years validated

LANGUAGES

- Portuguese  native
- French  native
- English  advanced