

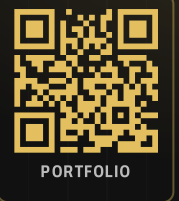
MARC BOURREL

FREELANCE **CLOUD & SRE ARCHITECT**

Tech Lead DevOps & Cloud at Crédit Agricole Immobilier · Founder of Joopin's Lab

Toulouse, France · remote worldwide

MAIL marc.bourrel81@gmail.com
TÉL +33 6 01 71 24 65
WEB joopinslab.com
IN linkedin.com/in/mbour1
GIT github.com/Joopinhontas
MALT malt.fr/profile/marcbourrel



Ten years on critical IT environments, from network cabling to Kubernetes clusters. I work as a freelancer on cloud architecture, production reliability, observability and security, and I build my own products. No slide decks: code and infrastructure that hold up under load.

10 YEARS

of IT, from support to cloud

4 SECTORS

defence, healthcare, finance, real estate

2 PRODUCTS

designed, coded and operated

EN - FR

on site or remote

ENGAGEMENTS & EXPERIENCE

CRÉDIT AGRICOLE IMMOBILIER

Aug 2026 → ongoing

Tech Lead DevOps & Cloud · IT department, development division · contract via Joopin's Lab

PRODUCTION & RELIABILITY (SRE, LEVEL-3 RUN)

- Investigating and resolving complex production incidents, escalations to software vendors.
- Early detection and incident correlation with Graylog and Grafana, keeping systems in operational condition.
- Ansible, Bash and PowerShell monitoring scripts to track system health.

KUBERNETES & GITOPS

- Running and securing AKS: ingress, services, pods, PDBs, PVCs.
- Code review of vendor Helm charts before integration, GitOps deployments with ArgoCD and Argo Workflows.

IDENTITY & FLOW SECURITY

- Lifecycle of two Keycloak instances federated with Entra ID: SSO, IAM, automated provisioning.
- Impact analysis of version upgrades: code reviews, network filtering rules, flow isolation.

SAAS INTEGRATION

- Technical lead on integrating vendor SaaS solutions, working with infrastructure, security and external partners.
- .NET satellite applications, architecture records and operations procedures.

AKS

ArgoCD

Argo Workflows

Helm

Keycloak

Entra ID

Graylog

Grafana

Nginx

.NET

EXPERTISE

Architecture & platforms

Kubernetes when needed, Docker Swarm when enough.

Reliability (SRE)

Level-3 run, incidents fixed at the root.

Observability

From symptom to cause in minutes.

Security & IAM

Keycloak, Entra ID, RBAC, secrets, flows.

IaC & GitOps

Terraform, Ansible, ArgoCD, GitLab CI.

Sovereign AI

Use LLMs without exposing your data.

VIASANTÉ MUTUELLE

Jan 2026 → Jun 2026

IT expert & DevOps engineer · Health insurer · critical platform

PRODUCTION

- Ran and stabilised a multi-environment containerised platform (production, QA, staging) on Docker Swarm.

OBSERVABILITY

- Grafana, Prometheus and Loki monitoring: anomalies detected in near real time, decision dashboards, NFS incidents caught before users noticed.

DATA & SECURITY

- Automated backups of critical data (API gateway, Keycloak), an industrialised alternative to MongoDB dumps, hardened CI/CD pipelines and secrets.

GOVERNANCE

- Contributed to architecture decisions and DevOps practices to pay down technical debt.

Docker Swarm Grafana Prometheus Loki Keycloak MongoDB CI/CD

AIRBUS DEFENCE AND SPACE

May 2025 → Sep 2025

Cloud & DevOps engineer · Defence & space · contract via SQUAD Conseil

CLOUD & ORCHESTRATION

- OpenStack tenants end to end: projects, COTS applications, images, resources.
- Production Kubernetes: namespaces, monitoring and alerting, scale-out, scale-in, cluster migrations and decommissioning.

INDUSTRIALISATION

- GitLab CI/CD pipelines, infrastructure in Terraform and Cloud-Init paired with Ansible roles and playbooks.
- Artifactory: permissions, cleanup, dependency lifecycle, Docker image build and publishing.

LINUX & KNOWLEDGE TRANSFER

- Advanced Linux administration and troubleshooting, shell and Python scripting; operations, architecture and how-to documentation.

OpenStack Kubernetes Terraform Cloud-Init Ansible GitLab CI Artifactory

Python

FINZZLE

Nov 2023 → May 2025

Network & systems administrator · Fintech group

KUBERNETES & VMWARE TANZU

- Clusters through Tanzu Mission Control and Tanzu Kubernetes Grid: Helm, kubectl, autoscaling, ingress controllers, ConfigMaps, Secrets, volumes.
- Secured with RBAC, Network Policies, service accounts and TLS; monitored with Tanzu Observability and Aria for Logs.

DOCKER & AZURE

- Docker, Compose and Swarm with Docker Secrets; Azure DevOps Pipelines CI/CD.
- Azure in Terraform: VMs, VNets, storage, Azure SQL, Key Vault; CVEs handled through Security Center.

LEADERSHIP

- Prioritised DevOps projects, set KPIs for availability, response time and deployment success, owned the technical roadmap.

VMware Tanzu Kubernetes Helm Azure Terraform Azure DevOps

Docker Swarm

STACK

ORCHESTRATION

Kubernetes AKS Tanzu OpenStack
Docker Swarm Helm

CLOUD

Azure Key Vault Entra ID Intune

IAC & CI/CD

Terraform Ansible Cloud-Init GitLab CI
Azure DevOps ArgoCD

OBSERVABILITY

Grafana Prometheus Loki Graylog

NETWORK & SECURITY

Ngixn Traefik WireGuard Stormshield
Cisco

DATA

PostgreSQL MongoDB Elasticsearch
Oracle

CODE

Python Bash PowerShell TypeScript
.NET

HOW I WORK

- Freelance through Joopin's Lab (SARL, France)
- Full-time or part-time contract, or scoped engagement
- On site in Toulouse, remote worldwide
- English and French
- Reply within 24 hours

EDUCATION

Network & security project manager

IPI, Institut Poly Informatique · 2021 → 2022

Systems, network & database administrator

IPI · 2019 → 2020

Security & network technician

IPI · 2016 → 2019

Vocational baccalaureate, electronic & digital systems

Lycée De la Salle, Castres · 2012 → 2015

AWAY FROM THE KEYBOARD

Music (Radiohead first), art, video games: once near the top of the PvE DPS rankings on World of Warcraft. And a homelab that never sleeps.

SQUAD CONSEIL

Mar 2020 → Nov 2023

Project manager · network engineer · IT consultancy · project manager from Sep 2022 to Nov 2023

PROJECTS & NETWORKS

- Designed and segmented secure networks (Stormshield, Cisco, Aruba, VPN), delivered projects on time and budget, architecture and operations docs.
- 300+ managed devices, level-1/2 support, SQUAD to Orange interconnection, client security audits and Bitdefender patching.

INFRASTRUCTURE & WORKPLACE

- Server room relocation: fibre, rack, UPS, cabling, with zero service interruption.
- Azure AD and Intune: Defender for Endpoint, Windows update rings, server updates.

Stormshield

Cisco

Aruba

VPN

Azure AD

Intune

EARLY CAREER

OKTAL Sep 2019 → Jan 2020

Network administrator

Telespazio France Aug 2017 → Jul 2019

ICT administrator, work-study: IT fleet (GLPI), Windows Server 2012 R2, Active Directory, backups, IIS, VMware vCenter

STUDEC Mar 2016 → Feb 2017

Helpdesk technician: GLPI, MDT imaging, first steps on Linux

PRODUCTS & WORK

TOKENVEIL

0% leakage

tokenveil.eu

Self-hosted proxy that anonymises names, IPs, secrets and identifiers before Claude, Gemini or OpenAI, then restores them in the answer. Measured across 3,340+ values, 8 AI providers, documents with OCR, multi-tenant LDAP. Enterprise licence and open-source Community edition.

Python

FastAPI

Presidio

spaCy

SETLIST

13,500+ tracks

setlist.gg

Music card game where every card is a real song: digging, collecting, trading, auctions, blind tests with server-side anti-cheat and an ELO ladder. French and English.

PocketBase

SvelteKit

Web Audio

PERSONAL INFRASTRUCTURE

45 containers

github.com/Joopinhontas/homelab-platform

A server run like production, hosting my products and client sites: single reverse proxy, automatic TLS, WireGuard, automatic updates. Public packaged version: Terraform, Ansible, Prometheus, Loki, Grafana, CI.

Docker

Terraform

Ansible

CLIENT WEBSITES

2 shipped

paolaboireau-psychologue.fr · bdl.joopinslab.com

Visual identity, websites, online booking: designed, built, containerised and hosted end to end.

Design

Web

Hosting