# QUENTIN ARRACHART

## SENIOR SITE RELIABILITY ENGINEER | PLATFORM ENGINEER

Dijon, France (remote / hybrid) • arrachart.k@gmail.com • +33 6 95 17 30 66
linkedin.com/in/quentin-arrachart • quentin-arrachart.fr • github.com/clearcloud-fr • gitlab.com/clearcloud-opensource

## SUMMARY

Senior SRE / Platform Engineer with 12+ years in infrastructure and 6+ years running Kubernetes and multi-cloud platforms (AWS, GCP, OVHcloud), including regulated fintech environments. Operates production EKS platforms serving 200+ microservices at 99.9%+ availability, built on GitOps (FluxCD), Terraform and a full observability stack (Prometheus, Grafana, Loki, Datadog).

On-call SRE with a track record of zero-downtime releases and data migrations for tier-1 banks, 30% infrastructure cost reduction (Karpenter, Graviton, KEDA), and ownership of vulnerability management and SOC 2 / SWIFT compliance (Master's in Infrastructure & Cybersecurity). CKA-certified; author of open-source platform tooling: a multi-region monitoring platform (Rust), its Terraform provider (Go) and Helm charts published on Artifact Hub.

## TECHNICAL SKILLS

- **Cloud**: AWS (EKS, EC2, RDS, VPC, ALB/NLB, IAM, Bedrock, Graviton), GCP, OVHcloud, multi-cloud architecture
- **Kubernetes & Platform**: Kubernetes, Amazon EKS, OpenShift, Helm, Docker, Karpenter, KEDA, ARM/Graviton migration, service mesh, container security scanning
- **IaC & GitOps**: Terraform (incl. provider development in Go), Ansible, FluxCD, GitLab CI/CD, GitHub Actions, Helm chart authoring, CI/CD pipeline design
- **Observability & Reliability**: Prometheus, Grafana, Loki, Datadog, alerting, SLO/SLI, incident response, postmortems, disaster recovery (RTO/RPO), capacity planning
- **Languages & Scripting**: Rust, Go, Python, Bash, TypeScript/JavaScript; working knowledge of Java and Ruby on Rails
- **Databases**: PostgreSQL (incl. CloudNativePG / CNPG on Kubernetes), MongoDB, Oracle — backup/recovery, migrations, performance tuning
- **Security & Compliance**: Vulnerability management (Trivy, CVE triage, CISA KEV, remediation prioritization), DevSecOps, file/malware scanning (ClamAV, Sophos), SOC 1/2, SWIFT CSP, IAM, secrets management, InfoSec governance
- **FinOps**: Cost governance, rightsizing, scheduled scaling, Private Pricing Agreement (PPA) analysis
- **Networking & Linux**: Linux administration, VPN, routing & switching (CCNA), VoIP
- **Ways of working**: Agile / Scrum Master, release management, stakeholder management, technical due diligence

## PROFESSIONAL EXPERIENCE

### **Senior Site Reliability Engineer / DevOps Engineer -** Sept 2023 – Present

KOMGO SA — Geneva, Switzerland (remote)

- Own the reliability of a multi-cloud (AWS, GCP) trade-finance platform used by tier-1 banks: 99.9%+ availability, $1B+ monthly transaction volume.
- Operate production EKS clusters running 200+ microservices; FluxCD GitOps workflows delivering zero-downtime deployments with a 99.95% success rate.
- Designed reusable Terraform modules (EKS, RDS, VPC, EC2, ALB, IAM, Bedrock) for 15+ environments: deployment time –75%, zero drift; authored the Disaster Recovery plan (RTO/RPO).
- Built the observability stack (Prometheus, Grafana, Loki, Datadog) covering infrastructure and AI workloads: MTTR –60%.
- On-call rotation and incident management: lead incident response and blameless postmortems, act as Level 3 support escalation for production issues on client-facing platforms.
- Join pre-sales and solution-design calls with bank clients to architect deployments and integration paths.
- Lead major releases, cluster upgrades and database migrations, including off-hours critical migrations with zero data loss and 100% availability during business-critical windows; upgraded an on-premise client deployment on OpenShift.
- Cut infrastructure spend by 30% via Karpenter consolidation, Graviton ARM migration and KEDA scheduled scaling (–40% non-prod usage).
- Run vulnerability management end to end: Trivy-based scanning pipeline aggregating results into per-product and per-client CVE reports, flagging critical and CISA KEV findings and driving remediation/mitigation priorities with product teams.
- Maintain SOC 2 and SWIFT compliance; designed the file-scanning layer for the platform (ClamAV, then Sophos AV, halving analysis time).
- Architected the LLM platform on AWS Bedrock with CI/CD for model deployment, A/B testing and automated rollback: AI operating costs –45%.

**Cloud & Infrastructure Consultant** - Aug 2022 – Present
CLEARCLOUD — France (freelance, part-time)

- Led infrastructure transformation projects for clients across industries: critical data migrations, cluster upgrades and application releases under strict SLA and regulatory constraints, with zero data loss and 24/7 continuity.
- Ran cloud audits and migration plans for 10+ enterprise clients, delivering 20–30% cost reductions through FinOps practices.
- Conducted technical due diligence and aligned cloud strategy with executives and engineering teams.

**DevOps Engineer & Cloud Architect -** Aug 2020 – Sept 2023
TOOLIB — Dijon, France

- Designed cloud architecture on GCP and AWS supporting 10,000+ users with 99.9% availability on the business API.
- Implemented CNCF tooling (service mesh, observability, container security scanning), reducing security vulnerabilities by 80%.
- Built GitLab CI pipelines cutting build times by 50%, with automated testing at 95% coverage.
- Ran production databases (PostgreSQL, MongoDB, Oracle) with automated backup/recovery and sub-100 ms query response times.
- Reduced cloud spend by 30% through automated resource scheduling and rightsizing.
- Scrum Master for cross-functional teams of 4–6, improving delivery velocity by 40%.

**Systems & Network Administrator** - Dec 2013 – Jul 2020
ATMO BFC — Dijon & Besançon, France

- Administered critical systems and the network (VPN, routing, VoIP) supporting regional air-quality monitoring from 50+ stations.
- Built data collection and analysis pipelines; automated manual processes (–60%) and improved data accuracy.
- QHSE coordinator: maintained COFRAC accreditation and ISO 17025/9001 compliance with a 100% audit success rate.

## OPEN SOURCES & PROJECTS

**OKStatus — multi-region uptime monitoring platform** - okstatus.eu

- Designed and built an uptime monitoring solution: distributed check agents in Rust running from multiple regions, Hono API/BFF backend, Svelte web UI, Android companion app; monitors, incidents, status pages, alert channels, maintenance windows and LLM endpoint canaries.
- Deployed on a European data-sovereign infrastructure stack; currently in pre-release.

**Terraform provider for OKStatus (Go) -** registry.terraform.io/providers/clearcloud-fr/okstatus

- Terraform-provider-framework from the OpenAPI spec; 6 resources and 3 data sources to manage monitoring as code; releases via GoReleaser and GitHub Actions, published on the Terraform Registry.

**Helm charts (ClearCloud OpenSource) -** artifacthub.io • gitlab.com/clearcloud-opensource

- Author and maintainer of Helm charts published on Artifact Hub under the ClearCloud OpenSource organization.

## EDUCATION

**Master's Degree - Infrastructure & Cybersecurity Management** - Dijon - 2021

**Bachelor's Degree - Software Engineering Leadership** - Dijon - 2020

**DUT - IT Maintenance & Support Management** - Dijon - 2018

## CERTIFICATIONS

- **Certified Kubernetes Administrator (CKA)** - CNCF (2021, renewal scheduled 2026)
- **CISCO CCNA** - Routing & Switching (2019)
- **TOEIC B2** - 915/990 (2019)
- **Quality Management Systems** - ISO 17025, ISO 9001, OHSAS 18001 (2017)

## LANGUAGES

French (native) • English (professional, TOEIC 915) • Spanish (conversational) • Arabic (conversational)

## INTERESTS

Piano, cinema, science fiction and reading, travel, hiking, IT & open-sources projects