{doc-title}

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- **Strategic Audit & Consulting:** Led a 2-day on-site audit with the client to analyze the observability platform (PoC) and co-develop the roadmap for industrialization.

- **Target Architecture Definition:** Designed and formalized a 3-tier OpenTelemetry architecture (Agent, DaemonSet Collector, HA Gateway) to ensure scalability and resilience.

- **In-depth Technical Expertise:** Steered technical decisions (DaemonSet vs. Deployment), defined filtering strategies (sampling/tail sampling), and optimized the Tempo backend and its components (Ingester, Querier...).

- **Advanced Feature Implementation:** Implemented advanced Prometheus integration (`remote_write`, `exemplars`) and enabled **Service Graphs** in Grafana to visualize application dependencies.

- **Platform Security:** Designed and deployed alerting rules (PrometheusRules) for active security monitoring of the observability stack (access, data flows, etc.).

- **Knowledge Transfer:** Delivered a comprehensive architecture and optimization document, serving as a technical reference for the platform's industrialization. :exp1-tech-label: **Technologies and Skills:** :exp1-tech-rows: |OpenTelemetry (Collector, Operator) |Grafana Tempo |Distributed Architecture |Prometheus (Remote Write, OTLP) |Kubernetes (DaemonSet, NetPol) |Sampling Strategy |Service Graphs & Exemplars |Security (JWT, PrometheusRules) |Consulting & Strategy |MinIO |IaC / GitOps |Performance Optimization

- **Oversaw a multi-environment Kubernetes (RKE2) platform:** responsible for administration, operational stability, incident resolution, and continuous optimization of performance, security, and resilience.

- **Defined the technical roadmap:** created architecture design documents to drive strategic evolutions (governance, cost optimization, new components) and ensure alignment with business objectives.

- **CI/CD Software Factory Engineering:** designed and implemented a comprehensive toolchain (Tekton, ArgoCD, Harbor) to automate and secure the entire application lifecycle.

- **Guided development teams:** provided consulting on software architecture and application performance optimization within the Kubernetes ecosystem.

- **Updated architecture documentation** and operational procedures to reflect system evolutions. :exp2-tech-label: **Technologies and Skills:** :exp2-tech-rows: |Kubernetes / RKE2 |Gravitee |IaC / GitOps |Docker |CloudNativePG (PostgreSQL) |High Availability |RabbitMQ

|Longhorn |Security (WAF, NetPol) |RHEL |Nginx |Microservices Architecture

- Developed an observability demonstration platform (React/Python - FastAPI/Java - Quarkus).

- Implemented an OSS stack: OpenTelemetry / OpenTelemetry Exporter / QuickWit / Grafana.

- Automated the deployment of Harness Open Source (Gitness) - Pipelines.

- Preparing for the Grafana Solution Architect certification.

- Interest in Artificial Intelligence.

- Speaker on the topic of observability at Google Developer Group. :exp3-tech-label: **Technologies and Skills:** :exp3-tech-rows: |Python |Quarkus |Examplars / Mimir |React |OpenTelemetry |Harness / Gitness |FastAPI |Grafana |Automation |Java 23 |QuickWit |

- Implemented observability in a Kubernetes (OpenShift) / Bare-metal / VM environment across various technologies (Java/Wildfly...).

- Interfaced with observability (AppDynamics/Zabbix) and hypervision (Splunk) solutions, integrating with incident management (ServiceNow).

- Decommissioned and optimized application components.

- Analyzed requirements and drove the evolution of standardization and solution rule implementation.

- Led meetings with business and integration teams related to the activity pilot.

- Understood diverse environments and adapted rules specific to business needs.

- Authored user guides and became a driving force for solution adoption.

- Designed and implemented a Python-based automated onboarding solution.

- Developed Ansible playbooks to automate actions.

- Utilized and created IaC automation rules via Monaco.

- Theorized and implemented Service Level Objectives (SLOs).

- Integrated and optimized hot-path log streaming to the Dynatrace solution.

- Provided technical and functional support to integrator teams on the Dynatrace solution.

- Wrote documentation for the different phases of onboarding a COVEA application to the Dynatrace solution. :exp4-tech-label: **Technologies and Skills:** :exp4-tech-rows: |Dynatrace |Python |Splunk |Ansible |Monaco |Automation |Technical Documentation |AppDynamics | |OpenShift/Kubernetes |Zabbix |

- Responsible for designing and deploying new modules and enhancements for a Delphi / Firebird application.

- Provided Level 3 support for the Optima solution, including phone support and ticket management for resolving issues.

- Created requests and managed customer feedback to ensure satisfaction and effective problem resolution.

- Wrote detailed technical documentation and resolution procedures to ensure a better understanding of systems and processes.

- Set up a K3s Kubernetes cluster with automated deployment via Ansible.

- Configured Traefik Ingress rules, managed an internal registry, handled data persistence, and set up a CI/CD pipeline.

- Acquired skills in optimization and best practices, particularly regarding Kubernetes cluster security and high availability.

- Designed and developed internal tools and test servers to improve operational efficiency and performance. :exp5-tech-label: **Technologies and Skills:** :exp5-tech-rows: |Pascal / Delphi |Ansible | |Firebird |CI/CD Pipeline | |Customer / Technical Support |Traefik | |Kubernetes / K3S | |

- Adapted and optimized monolithic services into microservices using Docker containerization.

- Asynchronously managed the creation of GIS databases.

- Automated the production pipeline towards continuous and resilient deployment in collaboration with the developer and GIS teams.

- Optimized production deployment time from 1.5 weeks to 3 hours.

- Deployed a mapping solution (geovelo.fr).

- Deployed OpenStreetMap geographic databases on PostgreSQL.

- Optimized Nginx reverse proxy (configuration and caching) with management of static sites served by Node/Angular.

- Initiated contributions to the official Traefik Reverse Proxy documentation.

- Deployed various Angular frontends via Traefik.

- Deployed route calculation and geocoding infrastructure.

- Implemented Docker Swarm orchestration then migrated to a managed Kubernetes cluster on Scaleway - GitlabCI Pipeline. :exp6-tech-label: **Technologies - Languages:** :exp6-tech-rows: |Docker / Compose |Gitlab CI – Travis | |Kubernetes - Swarm - Traefik |Debian | |Nginx |Go (docker API) - Bash – Python - Angular | |Terraform |Cloud provider - Scaleway |

- Developed native Android mobile applications (for Selfone and Crédit Agricole).

- Developed and deployed websites and WordPress CMS.

- Understood client needs / Wrote functional and technical specifications.

- Participated in the adoption of agile methodologies within the company / Managed teams and developers.

- Provided remote and on-site technical interventions.

- Provided hotline support for IP Telephony, Servers, infrastructure, and ISP domains.

- Developed bash scripts to automate remote session restarts via telnet.

- Physically and logically installed servers / Virtualized client machines. :exp7-tech-label: **Technologies - Roles - Languages:** :exp7-tech-rows: |Help Desk |Corporate Networking | |Technical Interventions |Android - Java – Bash - PHP - HTML - CSS | |Technical Hotline |Telnet | |Proxmox |PHP 7 |

- Administered, managed, and led a section of 300 members within a multi-gaming association of

2000 people.

- Created the website. :exp8-tech-label: **Technologies and Skills:** :exp8-tech-rows: |Team Management |Web Development | |Community management |Administration |

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  <h2>{job-title}</h2>
  <div class="cv-contact">{contact-info}</div>
</div>
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👤 Personal Profile

About Me	Baptiste ROY - 20/08/1990
Contact & Social Networks	✉ E-Mail roy.baptiste45@gmail.com ⊙ Github roybaptiste 🐦 @BaptisteRoy37 in Linkedin Profile
Location	10 passage Contreau Le Mans
Phone	+33(0)6 63 15 30 15

💼 Professional Experience

```
<div class="experience-title">{exp_title}</div>
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Period   📅 `June 2025` - ☑ `June 2025 (Expert Consultation)`

Description and Responsibilities:

|

{exp1-tech-label}

```
<div class="experience-title">{exp_title}</div>
```

Period   📅 `May 2025` - ☑ `Present`

Description and Responsibilities:

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{exp2-tech-label}

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Period   📅 `February 2024` - ☑ `Present`

Description and Responsibilities:

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{exp3-tech-label}

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Period   📅 `March 2024` - ☑ `April 2025`

Description and Responsibilities:

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{exp4-tech-label}

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Period   📅 `2020` - ☑ `2023`

Description and Responsibilities:

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{exp5-tech-label}

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Period   📅 `2018` - ☑ `2019`

DevOps - Software Infrastructure Description:

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{exp6-tech-label}

<div class="experience-title">{exp_title}</div>

Period   📅 `2016` - ☑ `2017`

Developer / Project Management Description:

|

{exp7-tech-label}

<div class="experience-title">{exp_title}</div>

Period   📅 `2014` - ☑ `2015`

Description and Responsibilities:

|

{exp8-tech-label}

🎓 Education & Training

<div class="education-title">{edu_title}</div>

Instructor   👤 Naveen KUMAR

Duration   🕐 4 days

Date   📅 `2025`

<div class="education-title">{edu_title}</div>

Instructor   👤 Ousmane DIALLO - Delivery Architect Dynatrace

Duration	🕐 3 days
Date	🗓 `2024`

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Instructor	👤 Martin LEKPA - SPARKS
Description	ℹ Jointly conducted training - Creation of a dedicated observability learning platform.
Duration	🕐 2 days
Date	🗓 `2025`

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<div class="education-title">{edu_title}</div>
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Diploma	🎓 Obtained in `2015`

🎤 Public Speaking

"Ok boomer, stop just monitoring your infra" - A detailed introduction to monitoring / observability

Organization	👥 Google Developer Group
Link	▶ Watch the talk

"OSS 404: Le Mans is not responding" - Implementing an Open Source OpenTelemetry/Grafana/Quickwit stack

Status	🕐 Upcoming

⚙ Skills

Languages

French	☆☆☆☆☆ (Native)
English	☆☆☆☆☆ (Technical)

| Spanish | ☆ ☆ ☆ ☆ ☆ (Basic) |

Interests

- 🔍 Technology Watch
- 🏠 Home Automation
- 🖥 Windows / Linux / Debian / Mac
- 👥 IT Conferences
- 🎮 Online Gaming
- 🚲 Mountain Biking
- 📘 Reading
  - Clean Code
  - The Phoenix Project (DevOps)