{doc-title}

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</div>

<div class="cv-header">
  <div class="language-switcher">
    {lang-switcher}
  </div>
  <h1>ROY BAPTISTE</h1>
  <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 👤 Linkedin Profile
Location	10 passage Contreau Le Mans
Phone	+33(0)6 63 15 30 15

💼 Professional Experience

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

Description and Responsibilities:

* **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.

Technologies and Skills:

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

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<div class="experience-title">{exp_title}</div>
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Period   📅 `May 2025` - ☑️ `Present`

Description and Responsibilities:

* **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.

Technologies and Skills:

Kubernetes / RKE2	Gravitee	IaC / GitOps
Docker	CloudNativePG (PostgreSQL)	High Availability

RabbitMQ	*Longhorn*	*Security (WAF, NetPol)*
RHEL	*Nginx*	*Microservices Architecture*

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<div class="experience-title">{exp_title}</div>
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Period   📅 `February 2024` - ☑️ `Present`

Description and Responsibilities:

* 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.

Technologies and Skills:

Python	*Quarkus*	*Examplars / Mimir*
React	*OpenTelemetry*	*Harness / Gitness*
FastAPI	*Grafana*	*Automation*
Java 23	*QuickWit*	

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<div class="experience-title">{exp_title}</div>
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Period   📅 `March 2024` - ☑️ `April 2025`

Description and Responsibilities:

* 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.

Technologies and Skills:

Dynatrace	*Python*	*Splunk*
Ansible	*Monaco*	*Automation*
Technical Documentation	*AppDynamics*	
OpenShift/Kubernetes	*Zabbix*	

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<div class="experience-title">{exp_title}</div>
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Period   📅 `2020` - ☑ `2023`

Description and Responsibilities:

* 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.

Technologies and Skills:

Pascal / Delphi	*Ansible*
Firebird	*CI/CD Pipeline*
Customer / Technical Support	*Traefik*
Kubernetes / K3S	

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<div class="experience-title">{exp_title}</div>
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Period   📅 `2018` - ☑ `2019`

DevOps - Software Infrastructure Description:

* 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.

Technologies - Languages:

Docker / Compose	*Gitlab CI – Travis*
Kubernetes - Swarm - Traefik	*Debian*
Nginx	*Go (docker API) - Bash – Python - Angular*
Terraform	*Cloud provider - Scaleway*

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Period 📅 `2016` - ☑ `2017`

Developer / Project Management Description:

* 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.

Technologies - Roles - Languages:

Help Desk	*Corporate Networking*
Technical Interventions	*Android - Java – Bash - PHP - HTML - CSS*
Technical Hotline	*Telnet*
Proxmox	*PHP 7*

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<div class="experience-title">{exp_title}</div>
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Period 📅 `2014` - ☑ `2015`

Description and Responsibilities:

* Administered, managed, and led a section of 300 members within a multi-gaming association of 2000 people. * Created the website.

Technologies and Skills:

Team Management	*Web Development*

Community management   *Administration*

🎓 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`

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

Instructor   👤 Martin LEKPA - SPARKS

Description   ℹ️ Jointly conducted training - Creation of a dedicated observability learning platform.

Duration   🕐 2 days

Date   📅 `2025`

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

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)