



Romain LE BARO

Tech Lead

CONTACT



contact@techland.info

EDUCATION

Conservatoire National des Arts et Métiers

BSc in Science and Technology, Computer Science

2017-2020

École Supérieure d'Application des Transmissions

Elementary Certificate in Computing

2010

CERTIFICATIONS

Red Hat Certified Developer in Cloud-native Applications

Red Hat

2026

SKILLS

- Leadership
- Security / Identity management
- Java/JS development
- DevEx
- CI/CD
- Docker/Kubernetes
- Training

PROFILE

A full-stack developer who moved into security, I now work as a tech lead on projects that span software development, application security and platform engineering. I enjoy building robust systems and giving teams the tooling they need to ship quickly and with confidence.

EXPERIENCE - 15 years



Zenika

Permanent · 5 yrs

Platform Engineer - CDiscount

Mar. 2025 – present - 1 yr 6 mos

Keycloak technical reference within the Platform Engineering team responsible for Keycloak, Vault and Kafka.

- Designed a local development stack on Docker Compose: a Keycloak as close to production as possible for every developer, in a single command
- Drove the migration of the codebase to a monorepo
- Built a complete, optimised CI/CD pipeline from build to deployment: automated, reproducible and far faster releases
- Supported the Authentication team in migrating CDiscount.com to Keycloak, providing the Keycloak expertise and tooling the project needed

Technologies: Keycloak, Docker Compose, CI/CD, Java, Python

Eclipse Dataspace Component Developer - Dawex System

Oct. 2024 – Mar. 2025 - 5 mos

Keycloak and OIDC reference on the build of a secure business-to-business data exchange platform, based on the European Dataspace Protocol and its Eclipse Dataspace Component (EDC) implementation.

- Integrated Keycloak into the platform and set up the OIDC authentication and authorisation flows
- Guided the team on configuration and identity modelling choices
- Secured the Dataspace protocol within its EDC implementation
- Built the EDC extensions filling its functional gaps, with open-source contributions given back to the project

Technologies: Keycloak, OIDC, Eclipse Dataspace Component, Dataspace Protocol, Java

Platform & DevEx Architect - Maincare

Apr. 2023 – Oct. 2024 - 1 yr 6 mos

Within the architecture team, Keycloak reference and owner of the new development framework and of the developer experience.

- Defined the organisation-wide access control strategy with Keycloak: implemented UMA 2 across the applications and adapted Keycloak to the client's context through custom development
- Reworked the workstation and tooling: IDE, Linux setup, access to resources and documentation
- Introduced Backstage as a turnkey project templating portal, and Docker images tuned for the company's environment
- Reworked the CI/CD (Jenkins) pipelines and spread DevOps practices
- Drove the move towards a cloud-native architecture: New Framework based on Quarkus, a Quarkus extension for the medical FHIR API and support for the teams through native compilation

Technologies: Keycloak, UMA 2, Backstage, Docker, Java/Quarkus, CI/CD, VueJS

Senior Developer / DevEx - Orange Business

Sept. 2021 – Apr. 2023 - 1 yr 7 mos

Developer experience reference for the engineering teams, tasked with improving the development process end to end.

- Fixed and automated the developer workstation setup — IDE, code quality tooling, starting the application stack — for a reproducible environment instead of one assembled by hand
- Reworked the CI and upgraded the integration platform: redesigned pipelines and Docker images tuned for build times
- Reworked the integration tests, whose stabilised results made CI feedback trustworthy again
- Ran a Keycloak proof of concept for authentication
- Microservice development with SpringBoot / Go

Technologies: Docker, Keycloak, CI/CD, Java/SpringBoot



French Air Force

Fixed-term · 10 yrs

Platform Engineer

Aug. 2020 – Sept. 2021 - 1 yr 1 mo

Owner of the development platform, from design to operations, with business continuity as the goal: letting the engineering teams keep working remotely through the lockdown.

- Built a dedicated Kubernetes cluster
- Deployed the full developer toolchain on it: Gitea and Drone for code and continuous integration, SonarQube for quality, Nexus for artefacts, Keycloak for centralised authentication, Rocket.Chat and Nextcloud for collaboration
- Ran the platform day to day and kept it operational
- Supported the teams as they picked up the tools

Technologies: Kubernetes, Gitea, Drone, SonarQube, Nexus, Keycloak, Rocket.Chat, Nextcloud

Java/JS Tech Lead - Innovation Unit

Jul. 2020 – Mar. 2021 - 8 mos

Java / JavaScript tech lead on a project management and tracking application, owning the technical decisions and the team's growth.

- Set the project's engineering standards: application architecture, testing strategy and systematic code review
- Put in place the team's development infrastructure
- Mentored the junior developers day to day — training, technical support and guidance in review — until they were autonomous on the codebase

Technologies: Java/SpringBoot, JavaScript/VueJS, Docker

Senior Developer / OIDC Trainer - Innovation Unit

Sept. 2018 – Jul. 2020 - 1 yr 10 mos

OpenID Connect and Keycloak reference on MindefConnect, the Single Sign-On solution of the French Ministry of the Armed Forces, designed within the innovation unit.

- Customised Keycloak to fit the ministry's context: dedicated providers and the graphical theme
- Interfaced the solution with FranceConnect
- Trained the development teams to integrate the solution into their applications
- Supported the sysadmins technically through its deployment

Technologies: Keycloak, OpenID Connect, FranceConnect

Java/JS Developer

Sept. 2011 – Sept. 2018 - 7 yrs

Building a wide range of JEE applications

Technologies: Java, JEE, JavaScript