



Tristan Radisson

Currently working as a Principal Software Quality Engineer at Red Hat, I am opened to Dev / DevOps positions in full remote.

I was, until recently, an active member of the Kogito community and I am now part of the ROSA (Red Hat OpenShift Service on AWS) initiative.

My main competences are around the CI/CD pipelines (Jenkins/GitHub Actions), I have some knowledge of Infrastructure and I am a polyglot developer (Java, Golang, Bash).

Work Experience

Principal Software Quality Engineer (since Jan 2021)

Red Hat [Remote FR]

OpenShift QE team (since 2023)

- Assuring quality of the HyperShift cluster creation on AWS
- Automation testing of OpenShift Cluster Manager and cluster creation
- Automation testing of the ROSA Command Line
- Automation testing of the ROSA Terraform provider
- Working with internal teams for the successful delivery of the project

Business Automation Team - Kogito Serverless Workflow project (2021-2023)

- Assuring quality of the Kogito serverless workflow project and its releases by improving/maintaining those
- Development and Testing on Cloud images
- Code reviews on the whole project
- Working with internal teams for the productization of the project

Senior Software Quality Engineer (2019-2021)

Red Hat [Remote FR]

Business Automation Team - Kogito project

- Setup of BDD testing for the Kogito cloud operator
- Full setup of Nightly/Release pipelines for the whole Kogito project (Runtimes + Cloud images)
- Code reviews of the project, mainly for Pipeline and Cloud parts
- Handling of community releases of the Kogito community project
- Working with internal teams for the productization of the project

Software and Infrastructure Architect (2016-2019)

Lebensversicherung von 1871 a.G. München, Munich [DE]

Study and migration of internal systems to the Cloud

- Integration of Spring Cloud services (Eureka, Configuration servers, Gateway ...)
- Study and review of a Inhouse Cloud Platform: Cloud Foundry (SaaS) and Kubernetes (CaaS)
- Installation of a Kubernetes Cluster: IBM Cloud Private and Openshift
- Integration and Review of associated systems: Istio, Helm and Open Service Broker
- Performing trainings provided to other developers

Continuous Integration/Deployment (CI/CD)

- Development of a shared library in Jenkins (remote) as well as Gradle plugin (local)
- Creation of Gitlab Pipelines

Integration of the OAuth standard

- Setup of an OAuth server (RedHat Keycloak)
- Interconnections with corporate LDAPs (Domino & Active Directory) and setup of Kerberos

Architecture and development of a documentation project

- Microservices architecture that retrieve documentation data from running systems
- Data: Swagger API, WSDL, Interactions with other applications, Application's information, etc
- Storage in Elasticsearch / Neo4j / MySQL
- Development of an Angular Web UI to view all the gathered information

Software Development Engineer (2014-2016)

Amadeus Data Processing GmbH, Erding [DE]

Technical analysis of a monitoring system

- Review of the storage: Response times divided by 10

Technical analysis of a new tool customer focused

- Working with analysts for functional review of the product
- Responsible of the technical analysis, architecture and implementation of the prototype
- Setup of microservices architecture

Architecture, Development and Support on a monitoring tool

- Development and study for modernization of a 15-year old monitoring internal tool
- Started migration to a microservices architecture of the different functionalities

Modernization of a diagnostic tool

- Gather requirements from users on the current tool
- Study current tool architecture flexibility for improvements

- Migration of the User Interface from Java Server Faces architecture to a Javascript/REST services
- Improvements made to functionalities depending on user needs
- Migration and separation of different processes and applications into small projects
- Review of data model: Migration from SQL to NoSQL storage

Software Developer (2013-2014)

Amadeus Data Processing GmbH, Erding [DE]

Creation of a scheduling & automation dashboard

- Study of needs from the future users
- Functional and Technical analysis and study of the architecture
- Development of UI (Javascript) and Back-End (Java/MySQL)

Migration from a proprietary monitoring tool to an internal tool

- Study of current architecture (Proprietary tool's functionalities, Existing used internal tools)
- Study of possible implementations for the migration
- Compared solution proposed time / effort needed
- Implementation of the best solution
- Dealt with multithreading/concurrence to correct performance issues

Development and Support on a Java Web Application

- Web applications execute checks on running applications / servers
- Support and Developments on User Interface and Back-End

Java Consultant (2009-2013)

Astek SE, Sophia-Antipolis [FR]

Development and Support on 3 different Java SE/EE projects

- Support and Developments on User Interface and Back-End
- Improvement of the application based on user's feedbacks
- Creation of Visual documentation tool for XML Schema
- Study of the integration of a CMS into the current systems

Competences

Languages: Java, Groovy, Golang, Bash scripting, Python(basics)

Java: Quarkus, Spring (Boot, Cloud, JPA, Security), Java EE, Maven, Gradle

Cloud: Docker/Podman, Kubernetes, Openshift, Terraform, Istio, Helm, Knative

CI/CD: Jenkins (DSL, Pipelines), Github Actions, Gitlab pipelines

Web: Angular, JQuery

Databases: H2, MySQL, MongoDB, Neo4j, Elasticsearch

Others: Eclipse, VSCode, Spring Tool Suite, Office

Open Source Projects

Hypershift: <https://github.com/openshift/hypershift>

OpenShift Cluster Manager (OCM) Command Line: <https://github.com/openshift-online/ocm-cli>

ROSA Command Line: <https://github.com/openshift/rosa>

ROSA Terraform Provider: <https://github.com/terraform-redhat/terraform-rhcs-rosa>

Kogito: <https://kogito.kie.org/>

Kogito Serverless Workflow: <https://kiegroup.github.io/kogito-docs/serverlessworkflow/latest/index.html>

Education

ISTQB Foundation Level Certified (2021).

Oracle Certified Associate, Java SE 7 Programmer (2015).

Engineering Master Degree from Grenoble-INP Ensimag (2009).

Exchange at the University of Karlsruhe (Germany), Faculty of Computer Science (September 2008 – March 2009).

Languages

French: Mother tongue.

English: Fluent. TOEIC 830/990 in 2007. Current work language.

German: Fluent. 3 years into a professional environment (2016-2019).

Activities

Sports: Trail, biking, hiking, old rugby player.

Music: Classic choir singer (bass).

Travel: Portugal, Norway, USA, Ireland, Australia, Greece, Canada, Iceland...

Links

Github: <https://github.com/radtriste>

LinkedIn: <https://www.linkedin.com/in/tristan-radisson-88924315/>

Website: <https://resume.tradisson.fr/>

Code of this resume can be found here: <https://github.com/radtriste/resume>