Nicolas DUMINIL

SENIOR SOFTWARE ARCHITECT / DEVELOPER

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📍 Soisy sous Montmorency, France

SKILLS

Languages & Frameworks: Java SE/EE, Spring Boot, Quarkus, Jakarta EE, JPA, Hibernate.

Microservices & SOA: Eclipse MicroProfile, Apache Camel, Apache CXF, REST, SOAP.

DevOps & Cloud: Docker, Kubernetes, Helm, Jenkins, Ansible, AWS (EC2, EKS, Lambda, etc.).

Integration & Messaging: Apache Kafka, ActiveMQ, JMS

Platforms: JBoss/Wildfly, WebLogic, WebSphere, OpenShift, CloudFoundry

Databases: Oracle, MySQL, MongoDB

Tools: Maven, Git, Nexus, Artifactory, CI/CD pipelines

Software Architecture & Development (Java SE/EE, Spring Boot, Quarkus, Kotlin, AWS, OpenShift, Kubernetes, Docker, Jenkins, Helm, GitLab CI/CD, JPA, Hibernate, Apache Camel, CXF, Kafka, JMS)

Communication & Collaboration (Bilingual French/English, fluent in Italian, working knowledge of German, Agile, DevOps, cross-functional teams, stakeholder communication)

PROFILE

✓ Multilingual Senior Software Architect with 25+ years of experience in software development and enterprise architecture.
✓ Proven expertise in Java SE/EE, SOA, Microservices, and Cloud-native application development.
✓ Deep expertise in enterprise systems architecture, integration platforms, and DevOps practices across a variety of sectors including finance, public services, and telecommunications.
✓ Proven leadership in designing, building, and modernizing complex systems using technologies like Spring Boot, Quarkus, Kubernetes, and AWS.
✓ Author of over 10 published technical books and hundreds of blog articles, with a strong ability to distill complex technical concepts into accessible content for developers, stakeholders, and end users.
✓ Proven track record in large-scale projects across Europe in finance, telecom, and public sector.

PROFESSIONAL EXPERIENCES

Lead Software Architect & Technical Writer
Single Resolution Board (SRB) / Brussels / 2019 - present

- Lead Architect & Developer. Designed and developed RDS, a microservice platform for managing European bank data. Stack: Java, Spring Boot, Eclipse MicroProfile, Kafka, Spark, Docker, Kubernetes, AWS.
- Authored detailed system architecture documents, onboarding manuals, and API reference documentation.
- Maintained DevOps documentation for Docker, Kubernetes, and AWS-based infrastructure.

Senior Architect & Documentation Lead
Coface, Telefonica, SCOR, Lapeyre, Vlaamse Overheid / 2018 - 2019

- Architected and migrated legacy SOA systems to microservices using Spring Boot, Wildfly Swarm, Apache Camel, Kafka. Cloud deployments on AWS, OpenShift. CI/CD and IaC with Jenkins, Ansible.
- Produced technical specifications, transformation documentation, and knowledge transfer guides for dev teams.

Java EE/DevOps Architect
BNP Paribas Fortis / Brussels / 2015 - 2017

- Designed enterprise-wide digital signature platform (DocuSign). Developed REST/SOAP APIs using Java EE 7. Deployed on WebSphere and Wildfly with containerized DevOps pipeline.
- Contributed to CI/CD and DevOps documentation using Docker, Kubernetes, Jenkins, OpenShift.

Senior Java Architect
La Poste / Paris / 2012 - 2014

- Java EE backend and integration services for large-scale systems. Used Spring Boot, Camel, AWS, Docker, and Kubernetes.

Portal & Enterprise Services Architect
RABO Bank / Utrecht / 2008 - 2011

- Designed and developed Java enterprise applications with IBM WebSphere
- Authored documentation for internal portal development (JSR-286
- Developed user and admin guides for deployment and operations.

Earlier experiences highlights

2004–2015: Senior Java Architect roles with ING, ERDF, RABO Bank, Société Générale, Student Loan Company, Deutsche Boerse, EADS, CAP Gemini, and more.
Main activities: SOA/ESB architecture, BPM integration, portal development, system migration, DevOps and CI/CD implementations

EDUCATION

DEA (Diplôme d'Études Approfondies)
University Pierre et Marie Curie (Paris VI) / Paris

Master's Degree in Electronics & Electrotechnics
ESIEE Engineering School / Noisy-le-Grand

CERTIFICATIONS

- AWS Certified Developer
- Java 11 SE Certified Developer
- Sun Java Certified Programmer
- Microsoft Certified Solution Developer
- Oracle Certified Database Administrator

PUBLISHED BOOKS

1. J2EE avec JBuilder 7 – Dunod 2010

2. AWS Lambda: Développez des microservices sur la platforme serverless d'Amazon – ENI 2019

3. AWS: Géréez votre infrastructure sur la plateforme cloud d'Amazon 2021

4. 50 Shades of Java Executors – Amazon 2024

5. 50 Shades of Quarkus RESTful Services – Amazon 2025

LANGUAGES

French

English

Italian

German