Baptiste Calin

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Software Engineer

With more than 15 years of experience in software engineering and quality management, I combine a solid technical background with strong expertise in regulated environments, particularly in the medical device industry.

I started my career as a software developer and architect (Java, Node.js, React, Spring Boot) before specializing as a Quality Expert in projects requiring strict compliance (ISO 13485, MDR, ISO 14971, ITIL, GDPR).

This hybrid journey enables me to act as a strategic partner for organizations seeking to structure, optimize, and digitalize their quality processes, or to develop applications in a regulated environment.

- Quality & Compliance: Implementation and optimization of QMS aligned with ISO 13485, MDR, ISO 12207, ITIL, GDPR
- Software Engineering: Java, Spring Boot, Node.js, React, SQL, CI/CD, DevSecOps
- Leadership & Change: Team coordination, training, coaching, change management, KPI-driven improvement
- Tools & Automation: Jira, Confluence, GitLab, Jenkins, SonarQube, Docker, PowerBI

I stand out by my ability to bridge the gap between regulatory requirements and technical realities, ensuring projects that are compliant, efficient, and innovative. My goal: enable companies to deliver safe, high-quality, and sustainable digital solutions.

Soft Skills

- Leadership / Ownership
- Team coordinator / leader
- Trainer & Coach
- Proactive
- Result oriented
- Innovation thinking
- Positive and invested

Profile skills

Development	Java/J2EE, Pipeline, Node.js, HCL, HTML/JS/CSS, XML/XSLT
Frameworks	Jest / Karma, RESTful APIs, Selenium, JUnit / TestNG, Angular, Spring, Hibernate / JDBC, DHTMLX, JQuery
Tools	Microsoft Office Suite, Jira, Confluence, VS Code, SonarQube, Github, GitLab, Jenkins, Docker, Postman, Snyk, PowerBI, IntelliJ, Eclipse
Management	KPI, Personal Development Plan, Recruitment
Processes	Agile / Scrum methodology, Configuration Management, ITIL 4 practices
Platform	Ainsible, AWS, CI/CD, JBoss, Tomcat, Linux
Databases	PostgreSQL, SQL Server, Oracle, H2

Work Experience

Quality Expert

SPW - Freelance | Apr 2023 - Sept 2025 | Namur (2 yrs 6 mos)

Application Lifecycle Management (ALM) with ISO 12207 - Analysis of the standard and identification of actions to be implemented - Project: Participation in setting up a development factory and CI/CD chain implementation at the SPW - SonarQube: Implementation of the tool in conjunction with the MoE project's DevSecOps team and developers teams

Skills used:

- **Development:** Java/J2EE, Pipeline, Node.js, HCL
- **Frameworks:** Jest / Karma, RESTful APIs
- **Tools:** Microsoft Office Suite, Jira, Confluence, VS Code, SonarQube, Github, GitLab, Jenkins, Docker, Postman, Snyk
- **Management:** KPI
- **Processes:** Agile / Scrum methodology, Configuration Management
- **Platform:** Ainsible, AWS, CI/CD

Quality Expert

ZORGI | Jun 2019 - Apr 2023 | Heverlee (3 yrs 11 mos)

Medical Device Project management - Quality Management System implementation under Medical Device Directive (93/42/EEC) and Medical Device Regulatory (EU) 2017/745 - SaMD: Technical files consolidation - Certification ISO 13485 - Training Management - Records management - Authority and Notify body communication - ISO 13485 Quality Management System connection with ISO9001 and ISO27001 - Quality Management System connection with ITIL 4 practices - GDPR Project management + GDPR connection with ISO27001

Skills used:

- **Tools:** Microsoft Office Suite, Jira, Confluence, PowerBI
- **Management:** KPI, Personal Development Plan, Recruitment
- **Processes:** Agile / Scrum methodology, ITIL 4 practices, Configuration Management
- **Platform:** CI/CD

Test & Release Manager

Xperthis group | Jun 2020 - Jun 2021 | Nivelles (1 yr 1 mo)

Release software management - Test automation strategy and implementation - Quality Software management (Quality Assurance, Control, Managemnet) - Downtime management of IT System - Team management

Skills used:

- **Development:** Java/J2EE
- **Frameworks:** Selenium, JUnit / TestNG, Angular, RESTful APIs
- **Tools:** Jenkins, Microsoft Office Suite, Jira, Confluence, Postman
- **Management:** KPI, Personal Development Plan, Recruitment
- **Processes:** ITIL 4 practices, Agile / Scrum methodology, Configuration Management
- **Platform:** CI/CD

Solution Architect - Software Engineer

Xperthis group | Mar 2006 - Jun 2019 | Nivelles (13 yrs 4 mos)

Product management & Architect for a web-based healthcare application: Electronic Patient Record (EPR) - Saas Solution for Portail Patient Application - Set of teams coordinator and Team management - Incident consultant and helpdesk management

Skills used:

- **Development:** Java/J2EE, HTML/JS/CSS, XML/XSLT
- **Frameworks:** Spring, Hibernate / JDBC, DHTMLX, JQuery, RESTful APIs
- **Databases:** PostgreSQL, SQL Server, Oracle, H2
- **Platform:** JBoss, Tomcat, Linux, CI/CD
- **Tools:** IntelliJ, Eclipse, Microsoft Office Suite, Jira, Confluence
- **Management:** KPI, Personal Development Plan, Recruitment
- **Processes:** ITIL 4 practices, Agile / Scrum methodology, Configuration Management

Education & Certifications

- AWS Cloud Practitioner essentials (2023)
- Certified ScrumMaster - CSM (2023)
- Person Responsible for Regulatory Compliance (2021)
- Coach and Manage a team (2021)
- ITIL 4 Foundation (2020)
- ISO 13485/2016 and CE Mark (2019)
- PostgreSQL DBA (2015)
- Bachelor's in Informatics – H.E.P.M.B.C (2005)

Communication skills

- English : Limited working proficiency
- French : Native