



## 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

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

## Profile skills

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

## Work Experience

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### 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:

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

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

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

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

## Education & Certifications

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- 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**

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- English : Limited working proficiency
- French : Native