



Baptiste Calin

Freelancer

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Quality-oriented software engineer

With over 15 years of experience in software engineering and quality management, I bring a unique dual expertise that bridges the gap between technical innovation and regulatory compliance.

I started my career as a software developer and architect, building scalable applications with Java, Spring, Node.js and React. Over time, I expanded into DevSecOps, CI/CD automation, and test engineering, ensuring that solutions are not only innovative but also robust and secure.

In parallel, I specialized as a Quality Expert in the healthcare and medical device sector, where I led the implementation and optimization of Quality Management Systems (QMS), achieved ISO 13485 and MDR compliance, and supported organizations in navigating complex regulatory frameworks.

What sets me apart is my ability to combine deep technical knowledge with a strong process and compliance mindset. Whether it's building applications in a regulated environment, structuring and digitalizing quality processes, or driving cultural change in organizations, I provide both the strategic vision and the hands-on technical execution.

Core strengths:

- Software Development & Architecture (Java, Spring, Node.js, React, SQL, CI/CD, DevSecOps)
- Quality & Compliance (ISO 13485, MDR, ISO 14971, ISO 12207, ISO 9001, ITIL, GDPR)
- Leadership & Change (team coaching, KPI-driven improvement, agile delivery)
- Tools & Automation (GitLab, Jenkins, SonarQube, Jira, Confluence, Docker, PowerBI)

My mission: to help companies deliver secure, high-quality, compliant digital solutions and implement and optimise quality systems that accelerate innovation while meeting the most stringent regulatory standards.

Soft Skills

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

Profile skills

Processes	QMS, ITIL 4 practices, Agile / Scrum methodology, BPMN
Management	KPI, Personal Development Plan, Recruitment, PRRC
Development	Java/J2EE, Node.js, Pipeline, HCL, Python, XML/XSLT, HTML/JS/CSS
Frameworks	Jest / Karma, RESTful APIs, JUnit / TestNG, Angular, Selenium, Spring, Hibernate / JDBC, DHTMLX, JQuery
Tools	Jira, Confluence, PowerBI, GitLab, Jenkins, Github, SonarQube, Docker, VS Code, Microsoft Office Suite, Miro, Postman, Snyk, Bizzmine (eQMS), IntelliJ, Eclipse
Standards	ISO 12207, ISO 9001, ISO 13485, MDR, ISO 27001, ISO 9126, ISO 82304, ISO 62304
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)

Quality Management System (QMS) with ISO 9001 and 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:** QMS, ITIL 4 practices, Agile / Scrum methodology, BPMN
- **Management:** KPI
- **Development:** Java/J2EE, Node.js, Pipeline, HCL, Python
- **Frameworks:** Jest / Karma, RESTful APIs
- **Tools:** Jira, Confluence, PowerBI, GitLab, Jenkins, Github, SonarQube, Docker, VS Code, Microsoft Office Suite, Miro, Postman, Snyk
- **Standards:** ISO 12207, ISO 9001
- **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 ISO 9001 and ISO 27001 - Quality Management System connection with ITIL 4 practices - GDPR Project management + GDPR connection with ISO27001

Skills used:

- **Processes:** QMS, ITIL 4 practices, Agile / Scrum methodology, BPMN
- **Management:** KPI, Personal Development Plan, Recruitment, PRRC
- **Tools:** Jira, Confluence, PowerBI, Bizzmine (eQMS), Microsoft Office Suite, Miro
- **Standards:** ISO 13485, MDR, ISO 27001, ISO 9001
- **Platform:** CI/CD

Test & Release Manager

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

Release software management Deployment planning - 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
- **Management:** KPI, Personal Development Plan, Recruitment
- **Development:** Java/J2EE, XML/XSLT
- **Frameworks:** JUnit / TestNG, Angular, Selenium, RESTful APIs
- **Tools:** Jira, Confluence, PowerBI, Jenkins, IntelliJ, Microsoft Office Suite, Postman
- **Standards:** ISO 9126
- **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:** ITIL 4 practices, Agile / Scrum methodology, BPMN
- **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
- **Standards:** ISO 12207, ISO 82304, ISO 62304
- **Platform:** JBoss, Tomcat, Linux, CI/CD

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