Baptiste Calin

Freelancer

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Test Manager

With over 15 years of experience in software engineering and quality management, I bring strong expertise in release management, deployment planning, test automation strategy, and quality assurance.
>My focus is on ensuring system reliability, performance, and maintainability while fostering continuous improvement and effective collaboration across technical, QA, and business teams.

Areas of Expertise:
- Release & Deployment Management: Planning and coordinating software releases, managing deployment windows and environments, monitoring incidents, and minimizing system downtime.
- Test Automation Strategy & Implementation: Designing and implementing automated testing frameworks (JUnit, Selenium, Jest, Karma), integrating them within CI/CD pipelines (GitLab, Jenkins) to ensure functional coverage and regression control.
- Quality Software Management: Establishing and maintaining QA, QC, and QMS processes aligned with performance, security, and compliance standards (ISO, ITIL, DevSecOps).
- Team Leadership & Continuous Improvement: Leading cross-functional teams, fostering technical excellence, managing release schedules, and driving quality KPIs to enhance efficiency and product stability.

Tools & Technologies:
GitLab • Jenkins • Docker • SonarQube • PowerBI • AWS • Java • Node.js • React • Spring Boot • SQL

Professional Vision:
My goal is to deliver reliable, secure, and maintainable software solutions by aligning release, testing, and quality management practices with business priorities.
I strive to optimize release cycles, reduce downtime, and establish robust quality frameworks that ensure long-term system integrity and customer satisfaction.

Soft Skills

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

Profile skills

Processes	Agile / Scrum methodology, Configuration Management, ITIL 4 practices, BPMN
Management	KPI, Personal Development Plan, Recruitment
Development	Java/J2EE, Node.js, Pipeline, HCL, Python, HTML/JS/CSS, XML/XSLT
Frameworks	Jest / Karma, RESTful APIs, JUnit / TestNG, Angular, Selenium, Spring, Hibernate / JDBC, DHTMLX, JQuery
Tools	Jira, Confluence, GitLab, Jenkins, Github, SonarQube, Docker, VS Code, Microsoft Office Suite, Postman, Snyk, PowerBI, IntelliJ, Eclipse
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:

- **Processes:** Agile / Scrum methodology, Configuration Management
- **Management:** KPI
- **Development:** Java/J2EE, Node.js, Pipeline, HCL, Python
- **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 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, 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

- 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