Christoph Lengowski

Senior IT Consultant | QA/Test Manager | Requirements Engineer | Product Owner

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PROFESSIONAL SUMMARY

Senior IT Consultant and QA/Test Manager with experience in quality assurance leadership, test governance, requirements engineering, and agile delivery for large public sector software programs. Proven success in leading QA teams, introducing scalable testing processes, and integrating Playwright-based automation into CI/CD environments to improve release stability, test transparency, and stakeholder confidence. Strong track record in coordinating government stakeholders, product owners, development teams, and end users in complex delivery environments.

KEY SKILLS

QA Leadership & Governance

Test strategy, risk-based testing, release readiness, defect lifecycle management, KPI reporting

Automation & DevOps

Playwright, Jenkins, CI/CD integration, automated regression testing, test environment coordination

Consulting & Delivery

Public sector IT consulting, stakeholder workshops, customer enablement, agile software delivery

Requirements & Product

Requirements engineering, backlog management, functional specifications, cross-team coordination

PROFESSIONAL EXPERIENCE

Team Lead Quality Assurance / IT Consultant   Dec 2023 - Present

Materna Information & Communications SE | Dortmund, Germany

- Lead QA strategy for a complex public sector software platform used across multiple government institutions.
- Manage a QA team of up to 8 testers across multiple application components and release streams.
- Define and govern test planning, execution, reporting, release readiness, and structured defect triage.
- Coordinate testing across web client, Outlook client, admin client, and backend services in a distributed architecture.
- Implemented a Playwright-based automation framework to strengthen regression coverage and reduce manual effort.
- Integrated automated test runs into Jenkins CI pipelines, supporting shorter and more reliable release cycles.
- Established KPI-based Jira/Xray dashboards to improve QA transparency, decision-making, and cross-team alignment.
- Improved release stability through risk-based testing prioritization and structured stakeholder communication.

IT Consultant   Dec 2021 - Dec 2023

Materna Information & Communications SE | Dortmund, Germany

- Managed and prioritized product backlogs for enterprise software projects covering features, defects, and delivery scope.
- Conducted requirements analysis and translated business needs into functional and technical specifications.
- Prepared release documentation, feature descriptions, and implementation materials for customers and project teams.
- Supported customer implementation phases and delivered user trainings and stakeholder workshops.
- Worked closely with development and QA teams to align requirements, product quality, and release planning.

IT Consulting Trainee   Sep 2021 - Dec 2021

Materna Information & Communications SE | Dortmund, Germany

- Completed a structured consulting program focused on agile project delivery, requirements engineering, Scrum, and software architecture fundamentals.
- Earned core certifications including PSM I, PSPO I, PRINCE2 Foundation, and IREB CPRE Foundation.

Research Assistant   Apr 2018 - Oct 2021

Zentrum fur Entrepreneurship, TU Dortmund | Dortmund, Germany

- Supported research projects on innovation, entrepreneurship, and digital business models.
- Conducted qualitative research, analysis, and structured documentation for academic stakeholders.
- Prepared studies and presentations with a strong focus on clarity, synthesis, and actionable insights.

Intern, Human Resources Development   Sep 2016 - Dec 2016

MAN Diesel & Turbo SE | Germany

- Supported employee training and development initiatives and prepared related materials and documentation.

KEY PROJECTS

E-Laufmappe

QA Lead / Test Manager - Public Sector Digital Workflow System

- Developed and executed test strategies for a distributed software system used in public administration.
- Established cross-team QA governance, KPI-based monitoring, and structured defect prioritization processes.
- Ensured testing alignment with accessibility and data protection requirements in a government context.

Government Acceptance Testing

BMWK and City Administration Lehrte

- Planned and managed acceptance test phases before production rollout in government environments.
- Facilitated workshops to define test scope, responsibilities, and retest procedures across departments.
- Consolidated test results, coordinated issue resolution, and trained administrative users on system functionality and test tools.

EDUCATION

Technical University Dortmund

Master of Arts in Economics | 2019 - 2021 | Grade: 1.6
Master's Thesis: Entrepreneurial Ecosystem in North Rhine-Westphalia

Technical University Dortmund

Bachelor of Arts in Economics | 2014 - 2019 | Grade: 2.4
Bachelor's Thesis: Technology Acceptance of Amazon Go

CERTIFICATIONS

ISTQB Certified Tester Foundation Level

Professional Scrum Master I

Professional Scrum Product Owner I

PRINCE2 Foundation

IREB CPRE Foundation Level

Leadership Training for Project Managers

TECHNICAL SKILLS

Testing & QA

Test Strategy   Risk-Based Testing   Test Execution

Defect Management   Release Testing

Automation & Tools

Playwright   Jenkins   Jira   Confluence   Xray

Camunda Modeler

Technologies

SQL Server   Web Services   Java (basic)

C#/.NET Architecture

AI & Automation

Prompt Engineering   LLM Evaluation

AI-Assisted Testing

ADDITIONAL ACTIVITIES / INTERESTS

Active in AI and automation experimentation, including testing approaches for evaluating LLM output consistency, hallucination behavior, bias detection, and security-related characteristics.

Interests: Artificial Intelligence, Software Innovation, Financial Markets, International Travel