

Yann FORET

Product Owner & QA Engineer · 13 years of experience

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PROFILE

Computer science engineer (ISIMA) with 13 years in software publishing, ten of them dedicated to quality: Test Manager at Sopra Steria, test industrialisation at Harvest, then building the QA process from scratch at Runview and ComptaSecure. My role has grown to include product ownership, software development and AI projects. I enjoy functional complexity and working with a wide range of people, from end users to technical teams.

PROFESSIONAL EXPERIENCE

2023 – now

QA / Product Owner / Software Engineer

ComptaSecure, Paris (hybrid)

Product

- Gathering and analysing user needs, turning them into application features
- Building and prioritising the roadmap, preparing and tracking the sprint backlog
- Balancing business, product, quality and technical constraints

Software quality

- Defining and evolving the test process; functional, integration and regression test strategies
- Automated test architecture: UI (Cypress, Playwright), API (Postman)
- Performance testing with Gatling, analysing and reporting results

Development

- Building and maintaining features across several platform components (Java, Node.js, Python)
- Using generative AI tools to speed up design, implementation and maintenance

DevOps and AI

- Building and maintaining CI/CD, co-managing the cloud infrastructure
- Document ingestion and indexing, experimenting with RAG and LLM customisation
- Building and maintaining specialised chatbots on document corpora

Keywords: Cypress, Playwright, Postman, Gatling, GitLab CI, Docker, AWS, Terraform, Azure, Java, Node.js, Python, OpenAI, Azure AI Search, RAG

2022 – 2023

QA Engineer

Runview, Paris

- Defining the test process, designing and running tests
- Choosing the automated test architecture, writing automated and performance test scripts
- Reporting test results
- Building the CI and integrating it into the cloud ecosystem
- Scrum Master of an agile team
- Developing a Scrum Companion application

Keywords: Software testing, test automation, Scrum Master, GitLab CI, Cypress, Gatling, Docker, AWS (Fargate, ECS, EC2), Angular, TypeScript, DevOps

2018 – 2022

QA Engineer

Harvest, Clermont-Ferrand

- Designing and running integration and system tests (desktop and web applications)
- Deploying applications to internal, client and production environments
- Implementing automated tests (TestComplete)
- Scrum Master of an agile team, member of the Agile and Test communities of practice
- Developing a directory of the company's application versions
- Handling production incidents with clients

Keywords: Software testing, test automation, Scrum Master, Jira, TestLink, TestComplete, Tomcat, Angular, TypeScript, Docker, GitLab, DevOps

2016 – 2018

Test Manager

Sopra Steria, Clermont-Ferrand · on site at Michelin Solutions

- Setting up and reviewing test strategies, planning test campaigns
- Building a workload planning tool to assess release feasibility
- Monitoring test implementation and execution, reporting results
- Managing relationships with software vendors, closing test activities
- Auditing test processes

- Internal trainer on test methodology, leading the division's Testing community

Keywords: Test management, project management, planning, Jira, Zephyr

2014 – 2016

Software engineer: ETL flows and J2EE web development

Sopra Steria, Clermont-Ferrand

- Application owner: costing of change and maintenance requests
- Developing ETL flows connecting the applications of an information system
- Workload management for a France / nearshore (Spain) team, Seeburger technical expert
- Delivering training in French and English
- Developing and maintaining e-commerce applications

Keywords: Java J2EE, Spring, Struts, XSLT, Tomcat, Maven, ETL, Seeburger, SoapUI, REST, JMeter, Oracle, JavaScript, system administration

2013 – 2014

J2EE web developer

Sopra Steria, Clermont-Ferrand · on site at Centre France Communications

- Developing a B2B press video sales application
- Developing a workflow application for newspaper page layouts

Keywords: Java J2EE, Spring, Tomcat, Maven, MySQL, JavaScript, JSF, PrimeFaces, REST web services

2012 – 2013

J2EE and Android developer (work-study)

Sopra Steria, Clermont-Ferrand

- Developing an NFC ticketing application and its companion mobile app
- Market study of NFC tag types and related security standards

Keywords: Java J2EE, Spring, Tomcat, Maven, MongoDB, Android

2012

Software development internship (6 months)

The James Hutton Institute, Aberdeen (Scotland)

- Extending software that predicts animal species movements from weather conditions
- Markov chain modelling, benchmark against a competing method

Keywords: C, R, Markov chains

OTHER ACTIVITIES

Since 2017

Part-time lecturer in computer architecture and networks

Université Clermont Auvergne (2nd year bachelor)

- Designed an 18-hour lecture course and its exam: OSI model, TCP/IP stack, application protocols

EDUCATION

2010 – 2013

Master's degree in Computer Science Engineering, Networks and Telecommunications

ISIMA – Clermont Auvergne INP, Clermont-Ferrand

2008 – 2010

Preparatory classes for the Grandes Écoles (maths and physics), MPSI then MP*

Lycée Fabert, Metz

SKILLS

Quality and testing

Test strategy and process, test management, Cypress, Playwright, Postman, Gatling, Selenium, TestComplete, HP UFT, Jira, Zephyr, TestLink

Product and agile Development

Product Owner (roadmap, backlog, requirements gathering), Scrum Master, facilitation and training
Java (JEE), Node.js, Python, TypeScript, Angular, JavaScript, Bash; SQL Server, Oracle, PostgreSQL, NoSQL

DevOps, cloud and AI

GitLab CI, Docker, AWS, Terraform, Azure; RAG, LLM, OpenAI, Azure AI Search

CERTIFICATIONS AND LANGUAGES

Certifications

ISTQB Foundation Level (2017), ISTQB Agile Tester (2019), CCNA 1 to 4 (2013)

Languages

French: native; English: fluent (TOEIC 915); German: limited working proficiency

ASSOCIATIONS AND INTERESTS

Associations

President of the ISIMA Student Union (2011), chair of the graduation ceremony committee (2013)

Interests

Reading, cinema