

Gaëtan Tématé

Lead Fullstack Developer

Java | Web | AWS

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Skills

Languages : Java 8+, Bash, SQL, PLSql, Script Shell, Python, Javascript, TypeScript, Html5/Css3,

Frameworks/Tools : Spring FrameWork, Hibernate/JPA, JOOQ, Maven, Apache Kafka, TestNG/Junit, JML, Angular, React, Jquery, MySQL, PostgresQL, MS Serveur, MongoDB, Sélénium, Sonar, JavaFX

Methodologies : Hexagonal Architectures, DDD, TDD,BDD, cleanCode.

Data Formats/Languages : SQL, Xpath, Xml, JSON, YAML

Project Management: Kanban, Agile (SAFe, Scrum)

Version Control: Git, SVN, CVS, GitLab, GitHub

IDE: IntelliJ IDEA

Quality Assurance: Junit, ArchiTest, E2E, Sonar, dependency check, linters

DevOps & CI/CD:

Aws, terraform, Docker, kubernetes, Teamcity, Jenkins, Xldeploy, Gitlab CI, Github Actions, ArgoCD

Cloud Platforms : AWS (ec2, s3, lambda, api gateway, cognito, rds, dynamo, msk etc)

Education

2016 Master's Degree in Computer Science – Université Paris-Saclay (Paris-Sud 11 Orsay), Specialization: FIIL

2015 First Year of Master's Degree – Université de Versailles Saint-Quentin, Specialization: DataScale

2013/2014 Bachelor's Degree in Math & Computer Science – University of Dschang, Cameroon, Option: Fundamental Computer Science

2010 GCE A Level

Certifications

[AWS Certified Developer – Associate](#)

Professional Experience

Mar 2023 - Apr 2025 | Mirakl - Lead Developer

Mirakl is a SaaS platform enabling businesses to build and operate their own online marketplaces, connecting third-party sellers and buyers. I worked as the lead back-end developer for Mirakl Ads, a solution focused on retail media campaign management for marketplaces.

Designed and led the integration of Mirakl Ads, a Retail Media platform that enables marketplaces to monetize traffic by offering third-party sellers advanced ad formats — from product sponsorships to dynamic displays (banners, videos, native, shoppable).

Responsibilities and Contributions :

- Drafting technical specifications based on functional requirements in collaboration with Product Owners/Managers.
- Co-designing the overall architecture with the software architect.
- Integrating advertising designs with media activation engines.
- Supporting product evolution, including the integration of new ad formats.
- Implementing development best practices: clean code, hexagonal architecture, SOLID principles.
- Code reviews, technical mentoring, and developer support.
- Functional and technical project follow-up with active participation in Agile ceremonies.
- Contribution across all development phases: implementation, integration, testing, and validation.
- Improving CI/CD pipelines and documentation processes.
- Drafting contractual deliverables: technical docs, project reports, follow-up documentation.

Key Achievements:

- Successful launch of Mirakl Ads v1 on multiple strategic marketplaces.
- Reduced deployment time by 30% via optimized CI/CD.
- Fast adoption of best practices within the team, improving maintainability and onboarding.
- Seamless integration with various ad engines (e.g., Criteo), enabling marketplace monetization.

Tech Stack:

Java 21, Spring Boot (Core, MVC, Security), Apache Kafka, PostgreSQL, MongoDB, Cassandra, Redis
GitHub & GitHub Actions (CI/CD), Docker, ArgoCD, Maven, React.js

Jan 2021- Feb 2023 | PMU - Lead Developer

PMU (Pari Mutuel Urbain) is France's historic horse betting operator and European market leader, managing betting systems online and in-store, and distributing race data to partners and media. I was the lead developer in the DataHippique team.

Led back-end development in the DataHippique team, central to structuring and delivering real-time horse racing data (runners, results, odds, etc.) to PMU's B2B partners via REST APIs and Kafka pipelines.

Responsibilities and Contributions:

- Designed technical architecture and developed foundational backend modules.
- Promoted best practices: clean code, SOLID principles, hexagonal architecture.
- Led a backend team of 5 developers: mentoring, reviews, planning, and support.
- Defined priorities with PO/PM during PIs and Agile sprints.
- Participated actively in the development lifecycle: design, implementation, integration, testing, and validation.
- Managed CI/CD pipelines (GitLab CI, Docker, Terraform).
- Drafted technical documentation, meeting notes, and project deliverables.
- Collaborated with internal users and assisted with tool onboarding.
- Alerted project management proactively on critical issues.

Key Achievements:

- Delivered a robust, scalable real-time data distribution system for strategic partners.
- Improved system responsiveness via event-driven architecture (Kafka).
- Harmonized development practices across teams for better collaboration.

Tech Stack:

Java 11, Spring Boot (MVC, Security, Data, Batch, Actuator), Apache Kafka, PostgreSQL, Redis, GitLab CI, Docker, Maven, Terraform
AWS (EC2, S3, Lambda, API Gateway, Cognito, RDS, DynamoDB, MSK).

Jan 2019 - Jan 2021 | **STET** - Senior Backend Java Developer

STET is a leading European provider of interbank payment systems, specializing in SEPA transaction flows and instant payments.

I worked as a senior back-end developer within the IHM team, responsible for building and maintaining payment tracking and monitoring tools.

Responsibilities and Contributions :

- Developed a real-time web application for monitoring instant payments using WebSockets.
- Maintained and enhanced existing tools (monitoring dashboards, account position views, multi-CSM interfaces).
- Integrated updates to support evolving SEPA protocols (SCT, SDD Core, B2B).
- Designed integration tests and set up CI/CD pipelines using Jenkins on AWS.
- Created a proof of concept for a microservices architecture using Vert.x; experimented with Netflix OSS stack (Spring, Eureka, Ribbon, Hystrix).
- Integrated new functional specifications into the legacy toolset.

Key Achievements :

- Boosted reliability of instant payment monitoring, cutting supervision incidents by **40%**.
- Increased team agility through **CI/CD automation** of testing and deployments.
- Accelerated delivery of functional updates by improving SEPA compliance workflows.
- Delivered technical validation for a scalable microservices architecture supporting future platform evolution.

Tech Stack:

Vert.x, Apache Kafka, Cassandra, Solr, Docker, Maven, Jenkins, AWS, Spring (Netflix OSS)

Oct 2017 – Jan 2019 | **NATIXIS** - fullstack Java/React TypeScript Developer

Natixis is a global financial services firm. I contributed to the development of data analysis tools used by financial analysts worldwide (Paris, Asia, New York), leveraging multidimensional visualizations (data cubes) built with **ActivePivot**. The underlying data originated from a **Hadoop data store**.

Responsibilities and Contributions:

- Trained on **ActivePivot**, **ActiveUI**, and **React with TypeScript** to support multidimensional data visualizations.
- Developed a reconciliation process comparing different portfolio trees using REST APIs, with Excel-based reporting.
- Implemented **Gitflow workflows** in Jenkins for frontend modules (React/TypeScript).
- Added unit and integration tests to legacy codebase and initiated test-driven development (TDD) practices.
- Built new custom cubes with web visualization features tailored to business needs.
- Set up **CI/CD pipelines** with Jenkins for deployment automation.

Tech Stack: ActivePivot, ActiveUI, Java 8, Maven 3.x Tomcat 9, Spring 4.1+ (Spring Boot, Spring Security, Spring Data, Spring Data Rest) XLDploy, Jenkins, Git, Bitbucket, JIRA, Webpack, Typescript 2.x, React, IntelliJ IDEA

Oct 2015 – Dec 2017 | Key Consulting - fullstack Java/Angular Developer

Dec 2016 – Dec 2017 BNP PARIBAS - Maintained and evolved internal tools used by BNP Paribas financial analysts worldwide (EMEA, APAC, Americas) to assess credit risk indicators.

Responsibilities and Contributions:

- Delivered new functional features based on evolving business requirements.
- Developed a **comment module using AngularJS**, enabling analysts to annotate simulation results directly in the tool.
- Created an in-app **help menu with video tutorials** for complex screens, improving usability.
- Migrated legacy **manual SQL batch processes to Spring Batch**, implementing asynchronous error handling and restart logic.
- Led a successful **migration from IBM WebSphere to Apache Tomcat**, including replication of configurations and adapting dependencies to ensure stability.
- Automated build and deployment processes using **TeamCity** (Maven-based CI/CD pipelines).

Stack: Java 8, Tomcat 8, Spring Boot, Spring batch, AngularJS, Oracle Databae, Maven, Bower, Gulp, IntelliJ IDEA, TeamCity.

Oct 2015 – Dec 2016 Apprentice Fullstack Java/Angular Developer

Worked on two public sector digital platforms as part of a fullstack apprenticeship:

INRA: Contributed to a genetic and reproductive material management system used by INRA research labs.

STIF: Participated in the development of a **vehicle registration and tracking platform** in partnership with STIF (public transportation authority).

Stack technique : Java 8, Tomcat 8, Spring 4.1+ (Spring Boot, Spring MVC, Spring Security, Spring Data, Spring Data Rest, Spring batch), Hibernate/JPA, liquibase, AngularJS 1.5+, Yeoman, JHipster, Maven , Bower, Gulp, IntelliJ IDEA, TeamCity.