Jean-Michel FRIPPIAT

Belgian

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SUMMARY

Graduated with a bachelor's in computer science, Jean-Michel FRIPPIAT has more than 24 years of professional experience in analyst-developer, technical architect, and team leader roles. He has a deep knowledge of analysis methods and a wide technical background (architecture, development, networks, databases, internet technologies, SOA, Cloud...).
With interpersonal skills, he aims to be efficient and rigorous in projects, working alone or in teams. Responsible, autonomous, flexible and with good leadership, he likes to listen constantly to the needs of his customers, and he provides quality work while respecting the priorities and deadlines.
His international experience allows him to use French or English as working language.
Computer enthusiast since the age of ten, he loves spending time on technology watch, especially in the world of open source.
Mr Frippiat joined Sword on March 1, 2015.

WORK EXPERIENCE

● **04/2023 - CURRENT**, Luxembourg
Application/Cloud Architect and Team Leader
Eurostat - Sword Technologies SA
In close collaboration with other Commission services and its customers, ESTAT B4 builds and operates solutions in the areas of web dissemination services at Eurostat.
The main website is the backbone of Eurostat's dissemination strategy. The current website uses the Liferay platform and is currently undergoing a major revamping. Several visualisation tools are embedded within the Eurostat website. These are listed below:
- Data Browser
- JSON web services
- SDMX
- Flexible Dashboards for Policy Indicators
- Dynamic infographics, digital publications, and widgets
The Eurostat website is the cornerstone of the dissemination strategy and interactive data visualisation tools are an essential part of Eurostat's dissemination strategy. Both the website's overall look as well as the presentation of content, including data visualisation tools, are continuously reviewed to make sure they meet user needs. The Eurostat website is the cornerstone of the dissemination strategy and in December 2014, the website was migrated to a new platform using the OSS JAVA based Liferay technology. DIGIT is hosting the technical platform. A solid technical support is required to maintain and improve the current platform with a view to consolidating the website's architecture in close collaboration with DIGIT.
In particular, the management of Liferay hooks and plug-ins developed by Eurostat and DIGIT including the associated deployment procedures

plays a key role. A close follow-up with DIGIT of maintenance routines and ad-hoc interventions on the website are required to identify potential areas of optimization.

The on-going work in the renovation of the dissemination chain will also impact the Eurostat website and potential issues will have to be identified to allow appropriate actions in collaboration with other Eurostat Units.

A specific technical expertise in Liferay, Java, Oracle and modern web technologies is required.

Responsibilities:

Following tasks will be performed by the external service provider:
- Follow-up of the technical Liferay platform and architecture in close collaboration with DIGIT and Liferay support
- Management of Liferay hooks and plug-ins developed by Eurostat including validation of deployment procedures in collaboration with DIGIT
- Follow-up of maintenance routines and ad-hoc interventions with DIGIT to identify potential improvements
- Consolidation of the overall application architecture, in relation to the renovation of the Dissemination Chain
- Assistance with the integration of Visualisation tools
- Analysis and regular review of Liferay modules architecture to meet user requirements and modelling
these requirements with the new web technologies
- Coordination of the implementation of the technical architecture in close collaboration with DIGIT which is hosting the dissemination infrastructure
- Technology watch, especially for Liferay
- Assistance during relevant parts of testing, analysis, technical documentation, deployment, evaluation
and reporting
- Assistance to Eurostat staff in case of hands-on experience with new web technologies
- Assistance for project planning including documentation throughout all project phases
- Status reporting
- Knowledge sharing
- Functional and technical analysis, software design and modelling
- Software development
- Participating in meetings within Eurostat, possibly including the delivery of meeting minutes
- Participation in meetings with DIGIT and other Commission services and key meetings onsite
- Reporting of the activities in Jira
- Writing /maintenance of applications that reflect the specifications
- Production of technical documentation in English
- Maintain and develop the publication and notification workflow in Liferay for new Euro indicators created and updated in Cool

- Implement business validation rules in Liferay for the legacy Euro indicators
- Redesign, develop, test, and maintain a reliable solution for the preview access under embargo, the link notification by email, and the public scheduled publication of the revamped Euro indicators on the website
- Participate in a study evaluating future candidates technologies for the website: Liferay Experience Cloud Self-Managed vs Corporate Drupal based solution

Technologies:
OSGi, Oracle Database, Liferay, JavaScript, Java, HTML 5, HTML, CSS 3, CSS, FreeMarker, OpenAPI / REST Web Services, Linux, Amazon Web Services (AWS), Kubernetes (k8s), Apache Tomcat, Apache httpd, NGINX, Elastic Search, Atlassian Bamboo, JIRA, Confluence, Sonar, GitHub Copilot, Visual Studio Code, Microsoft Teams.

● **05/2022 - 04/2023**, Luxembourg
Service Manager
European Institutions in Luxembourg - Sword Technologies
Objective: participate in the growth of Sword in European institutions

Responsibilities:
- Operational management of existing framework contracts (DIGIT TM, EUSS, EIB, CURIA Lot 3...)
- Replacement management, ensuring continuity of service
- Definition of the job description
- Find candidates with the help of the recruitment team and/or with external suppliers
- Validation and presentation of candidates who have followed a complete recruitment process.
- Preparation of the client offer: Admin document, CV, etc.
- Detection of new needs
- Definition of the job description
- Find candidates with the help of the recruitment team and/or with external suppliers
- Validation and Presentation of candidates who have followed a complete recruitment process
- Preparation of the client offer: Admin document, CV, etc.
- For the management of new contracts (DIGIT TM 2, ITS 19, CURIA Lot 2, ITUSS...)
- Support in the take over of consultants working for the competition:
- 1st contacts
- Contacts tracing
- CV analysis => matching profile and level
- Support in the conservation of the baseline of consultants working for Sword:
- CV analysis => matching profile and level
- Preparation of the client offer: Admin document, CV, etc.
- Support for the call for the tenders
- Support to the presales teams in Greece

Technologies:
Microsoft Word, Microsoft Teams, Microsoft Outlook, Microsoft Excel.

● **03/2015 - 05/2022**, Luxembourg
Application Architect and Team Leader
Eurostat - Sword Technologies SA
The portal website is the backbone of Eurostat's dissemination strategy. The previous website (Site 4) using Oracle portal 10g, Oracle IAS 10.1.3 family with an outdated web design was operational since April 2009. Due to the discontinuation of support from Oracle, it has been migrated to a new infrastructure based on Liferay 6.2 EE for Eurostat portal website (Site 5) with a new web design in 2014. In 2015 and beyond some architectural consolidation and evolution work has been realized under the hood for the website. In 2016, the revamped ESS site with restructured, improved, and redesigned news, information and a new event calendar has been put online. In 2018, the ESS forum has been put online. In 2019, the major and complex upgrade to Liferay DXP 7.2 has been prepared. In 2020, the upgrade to Liferay DXP 7.2 has been put online. In 2021, a revamp of the website has been prepared. POCs have been realised on a content approval mechanism (workflow) and on a content change subscription mechanism for content administrators/reviewers. Bug fixing and security patching has been realised. Improvements to ease the work of content editors have been put in place. In 2022, a complete revamp (design and content wise) of the website will be architectured, designed and implemented. A migration to the cloud (AWS POCs) is being prepared.
Specific technical expertise is required in Liferay, web technologies, Java and Cloud (AWS).

Responsibilities:
The objective of the contract is to support activities with regards to:
– Consolidation of Site5 overall application architecture, with aspects link to the renovation of the Dissemination Chain
– Integration of Visualisation tools within SITE5 (HTML5, JS, CSS3, responsive design)
– Assistance to potential new dissemination projects launched in the framework of ESS 2020 (HTML5 newsletters for desktop and mobile, forum, ...)
– Technology watch, especially for Liferay (migration to Liferay 7.4, Java 11+ and OSGi)
Architecture and design of information systems.
Review of the architecture of existing systems
Keeping up the site with the infrastructure changes and the security patches.
Design and development of component architecture and building blocks (implementation of the new home page, the news articles and new and improved features for editors and users).
Implementation of architectural patterns.
Analysis of the integration of different information systems.
Data analysis and data modelling.

Coordination of the implementation of the technical architecture.
Technical interface between the project leaders, the users, the developers, and the ops.
Production of software architecture documents.
Participation in technical working groups, progress meetings and meetings with the users.
Assistance in the testing, the technical documentation, the deployment, the evaluation, the administration, the monitoring, and the reporting.
Improving the accessibility of the website and the HTML validation.
Migration from HTTP to HTTPS.
GDPR compliance.
Migration to Liferay 7.2: infrastructure, data and code migration, development/maintenance of new features for new needs.
SEO, robots.txt, performance troubleshooting.
Cookies management
Web Analytics support
Assistance for securing the website: when the new website went online and afterwards, continuously, security audits have been performed (OWASP recommendations, security patching, penetration testing, code reviews, JavaScript injection tests, SQL injection tests, angles of attack reduction by deactivating the unused services, configurations and credentials encryption, hashing and salting, logs analysis, development and logs guidelines, setup and maintenance of the Web Application Firewall, whitelist/blacklist of URLs and keywords, whitelist/blacklist of originating domains and/or IP addresses, whitelist/blacklist of unsuccessful tries, blocking of denial of services attack and robots).
Integration with other system via web services (SOAP and REST)
Customization of Liferay web content updates notifications and workflow.
Liferay issues and patching management.
Revamp implementation: redesign, information structure improvements, UX improvements, accessibility improvements
Preparation of the migration to the cloud (AWS POCs)
Delivery follow-up and support
Team leading (recruitment support, contract management support, career management, training plans, coaching, support, appraisals, technical referent...)

Technologies:
XSLT, XML, Windows, Web Services, WAI, UML, SVN, Struts, SQL, Spring, Solaris, SOAP, REST, Portlets, Piwik, Performance Tuning, Oracle Database 11g, Oracle Database, Monitoring, Microsoft Office, Microservice, Maven, Linux, Liferay Portal, Liferay 7, Liferay 6.2, Liferay, JSP, json-stat 2.0, json-stat, JSON, Jira, JavaScript, Java, HTTPS, HTML 5, HTML, Hibernate, Google Webmaster Tools, Functional Testing, Eclipse, Dynatrace, CSS 3, CSS, Confluence, AWS S3, AWS EC2, AWS CloudFront, Automated Testing, Application Testing, Apache Tomcat, Apache Solr, Ant, AJAX.

● 01/2013 - 02/2015, Luxembourg

Senior Analyst Programmer, Architect
Eurostat - Atos
The current portal (the web site of the institution also known as Site 4), running Oracle Portal 10g technology, is to be migrated due to the discontinuation of support from Oracle.
The project was first under technology evaluation. Site 5 is the targeted new infrastructure for Eurostat portal website.
Specific technical expertise is required in Liferay, Drupal (PHP), Java and Oracle Portal technologies and security.

Responsibilities:
Site 4 know-how take over.
Site 5 requirements take over.
Site 5 Proof of Concept evaluation scenario take over.
Evaluation and demo of Drupal 7 Web CMS.
Develop PL/SQL scripts to export Site 4 items.
Provide technical assistance to set up Drupal and Liferay Proof of Concepts and evaluate them.
Technical lead/coaching and support for the migration.
Support to the project manager.
Define, implement, and maintain the architecture.
Development and maintenance of some modules.
Technical coordination and support between the development team and the operations teams (DIGIT)
Deployments and synchronisations between the various environments.
Troubleshooting.
Assistance for securing the website: when the new website went online and afterwards, continuously, security audits have been performed (OWASP recommendations, security patching, penetration testing, code reviews, Javascript injection tests, SQL injection tests, angles of attack reduction by deactivating the unused services, configurations and credentials encryption, hashing and salting, logs analysis, development and logs guidelines, setup and maintenance of the Web Application Firewall, whitelist/blacklist of URLs and keywords, whitelist/blacklist of originating domains and/or IP adresses, whitelist/blacklist of unsuccessful tries, blocking of denial of services attack and robots).
Integration with other systems via web services.
Implementation of architectural patterns.

Technologies:
XSLT, XML, Windows, Web Services, UML, SVN, Struts, SQL, Spring, Solaris, SOAP, REST, PowerShell, Portlets, PHP, OWASP, Oracle Portal, Oracle PL/SQL, Oracle Database, MySQL, Monitoring, Microsoft Office, Maven, Linux, Liferay 6.2, Liferay, JSP, Jira, JavaScript, Java, HTML, Hibernate, Eclipse, Drupal, CSS, Confluence, Blue Coat WAF, Blue Coat RP, Application Testing, Apache Tomcat, Apache Solr, Ant, AJAX.

● **05/2013 - 05/2013**, Luxembourg
Architect
DG DEVCO - Atos

In the context of the EuropeAid objectives to render the Call for proposals (CfP) procedure more efficient, DEVCO is currently developing PROSPECT, an online application submission system for CfP with the objective to integrate and fully automate the business process, including sub-processes such as call preparation, call publication, management, submission, and assessment.

Responsibilities:
In the context of performance issues reported by DG DEVCO in its specific hardware configurations, DG DEVCO has requested an assessment of the PROSPECT environments used in the frame of testing activities to collect values for the same parameters (baselining of the environments and the scenarios), compare and analyse them to identify potential technical improvements that could be made to improve the performance.
This exercise should be done to ensure good response times of the system in the EC Production environment.
1. Familiarize with application (assessment of available inputs, user documentation reading, run-through of standard tests performed by Atos Poland) and define approach and planning for assessment.
2. Meet with DG DEVCO to explain the approach and the planning.
3. Gather hardware and software information on the DG DEVCO TEST environments.
4. Measure the response time for standard PROSPECT actions on DG DEVCO TEST environments.
5. Profile standard PROSPECT actions on DG DEVCO TEST environments.
6. Document differences identified in environments and formulate suggestions to address them.
7. Report submission, presentation, review, and discussion.

Technologies:
YourKit Java Profiler, XML, Windows, SQL, Spring, Solaris, Oracle Weblogic Server, Oracle Database, Microsoft Office, Linux, JavaScript, Java EE, Java, HTML, Hibernate, Firefox, Firebug.

● **12/2012 - 03/2013**, Luxembourg
Architect, Senior Java Developer
SNCA (Société Nationale de Circulation Automobile) - Atos
The government at Luxembourg has decided to replace the driving license based on paper by a smart card for the 19th of January 2013. To be compliant with the new law, the SNCA Company that is responsible for all the driving license processes needs to replace their information system. The existing system named TRPEC is responsible to manage all driving license processes including the printing of the license. This system is maintained and hosted by the CTIE.
The CTIE has developed a new application named TRPDC to replace the TRPEC and to be compliant with the new transport regulation law. The new system keeps the main functionalities of the TRPEC but the modules concerning the registration of the driving exams have been removed. Without these modules the impacts are the following:

The SNCA must control manually if each candidate meets the prerequisites before to pass the drive exam. There is an average of 450 requests by week. The delay to pass the exam could be extended.
If the SNCA must control manually the exam prerequisites the number of errors could increase dramatically, and candidates could obtain their driving license without meeting all the prerequisites such as the legal age or having a training certificate. Scheduling the exams becomes a complex task. To avoid the impacts, SNCA has involved ATOS PSF to make a functional analysis about the missed modules and to add some improvements. The goal of this analysis is to have a clear view of the modules before developing a new application that will be responsible for the organization of the driving exams.

Responsibilities:
Set up a software architecture and development/test environment for the project.
Develop web application and web service client (SOAP/WS-Security).
Test use cases.
Deploy the software.
Develop enhancements.
Fix issues.

Technologies:
XML, Web Services, UML, SVN, Struts, SQL, Spring, MySQL, Microsoft Office, Maven, Linux, JUnit, JSP, Jira, JavaScript, Java EE, Java, HTML, Hibernate, FOP, Eclipse, CSS, Apache Tomcat, Apache CXF.

● 09/2012 - 11/2012, Luxembourg
Senior Analyst/Developer, Java EE/Web technologies expert
European Parliament - Atos
Indicative measurement is the first automation for WEM4EP (Workload Estimation Measurements for European Parliament), which includes the establishment of the Measurement Experience Base.
The new application will allow fast response to standard queries, while allowing room for interpretation with difficult queries and adaptation to obtain more accurate estimates:
1. The Opinio standard survey software at the European Parliament is the front-end presented to the requestor of a workload estimation. This survey is pre-configured by a measurement expert.
2. Each case is validated and processed by the Measurement Logic.
3. An indicative measurement report is sent to the requestor, either automatically and direct if no errors are found, or manually and delayed if analysis is required.
4. Measurement outputs are captured in the experience base. This data would be very difficult to collect using Excel templates.
5. A measurement expert can manage estimation case data through the web application.
6. A measurement expert can customize the parameters, the templates, and the formulas through the web application.

Responsibilities:

Technical design.
Development.
Integration and unit testing.
System documentation and packaging for deployment in preproduction and production.

Technologies:
XML, Windows, UML, SVN, SQL, Spring MVC, Spring 3, Spring, SLF4J, PMM4EP (PMI), Oracle Database, Microsoft Office, Maven, Log4J, Linux, Junit, JSP, Jira, JavaScript, Java EE, Java, HTML, Hibernate, Eclipse, CSS, Confluence, Apache Tomcat.

● **04/2012 - 08/2012**, Luxembourg
Architect, Senior Analyst/Developer
Atos - Atos
Develop the software factory related activities inside Atos Luxembourg.

Responsibilities:
Technical analysis.
Internal web portal development and management to support the software factory related activities inside Atos Luxembourg.
Drupal installation, configuration, and development.
Participation in the answer of prospect requests.
Proof of concepts.
Documentation.
Development and continuous integration tools installation, configuration, and development.
Testing.
Evolutionary and corrective maintenance.

Technologies:
XML, Windows, SVN, Spring, SonarQube, SLF4J, PMD, PHP, MySQL, Microsoft Office, Maven, Log4J, Linux, Junit, JSP, Jenkins, JavaScript, Java EE, Java, IBM Blueworks Live, Hudson, HTML, Hibernate, GWT, FindBugs, Eclipse, Drupal, CSS, Confluence, Checkstyle, Apache Tomcat, AJAX, Activiti.

● **05/2008 - 03/2012**, Luxembourg
Senior Analyst/Developer, Team Leader, Architect
Court of Justice of the European Union - Sogeti (05/2008-09/2010) and Fujitsu (09/2010-03/2012)
During the handling of a case, many documents are exchanged between the parties' representatives and the registry. These exchanges obey strict rules set by the procedural rules of each jurisdiction. Before e-Curia, these exchanges of documents were mainly in paper format by mail or fax. The e-Curia project allows paperless exchanges by offering stakeholders a web portal for the lodging and the notification of documents.

Responsibilities:
Functional and technical analysis, estimations, planning, follow-up, and team leading.

Java web, web service, batch, SQL, and Alfresco development.
Testing.
POC for architectural decisions.
Evolutionary and corrective maintenance.
Production releases. Monitoring, troubleshooting and optimizations.
Technological migrations.
Security enhancement.
Coaching/Support of/to the other developers.
Securing the extranet application: Securing the website: when the new website went online and afterwards, continuously, security audits have been performed (OWASP recommendations, security patching, penetration testing, code reviews, Javascript injection tests, SQL injection tests, angles of attack reduction by deactivating the unused services, configurations and credentials encryption, hashing and salting, logs analysis, development and logs guidelines, setup and maintenance of the Web Application Firewall, whitelist/blacklist of URLs and keywords, whitelist/blacklist of originating domains and/or IP adresses, whitelist/blacklist of unsuccessful tries, blocking of denial of services attack and robots).
Integration with other systems via web services.
Implementation of architectural patterns.

Technologies:
oracle application server 10g, XML, Windows, Web Services, UML, SVN, SQL, Spring, SonarQube, Solaris, SOAP, Servlet, Selenium, REST, PMD, OWASP, Oracle Database, MySQL, Monitoring, Microsoft Office, Maven, Log4J, Load balancing, Linux, Junit, JSF, JCIFS, JavaScript, Java, iText, Hudson, HTML, FindBugs, Eclipse, CSS, Cluster, Checkstyle, Blue Coat WAF, Blue Coat RP, Application Testing, Apache Commons Logging, Apache Axis, Ant, Alfresco, AJAX, Agile Methodologies, Adobe LiveCycle PDF Generator.

● 12/2007 - 06/2008, Luxembourg
Architect
Court of Justice of the European Union - Sogeti
Study of Ajax technology for the architecture cell.

Responsibilities:
Evaluation (learning, tests, prototypes based on needs, reporting) of Ajax libraries, toolboxes, and frameworks.

Technologies:
oracle application server 10g, Yahoo UI, XML, Windows, Servlet, Scriptaculous, Prototype, Microsoft Office, Linux, JSF, jQuery, JavaScript, Java, HTML, GWT, Eclipse, Dojo, CSS, Ant.

● 09/2007 - 06/2008, Luxembourg
Senior Analyst/Developer, Architect
Court of Justice of the European Union - Sogeti
Internal Search Portal is a Web application to bring together the various information systems of the Court of Justice. The overarching principle is

a search engine on all the institution's data. A system of data abstraction can present results in an agglomerated form without specifying what system it came from. This application has become the most used Web search tool by the institution.

Responsibilities:
Maintenance and development of the web application developed in Java / XSLT in an Oracle Application Server Portal environment and the web services developed in Java / SQL to interface with databases.
Analysis and development of new applications.
Integrating Spring 2 for the realization of new applications.
Integration of JUnit for unit and integration testing.
Development of a web administration interface.

Technologies:
oracle application server 10g, XSLT, XML, Windows, Web Services, UML, SQL, Spring JDBC Templates, Spring JDBC, Spring 2.0, Spring, Solaris, SOAP, Servlet, PVCS, Portlets, Oracle Portal, Oracle Database, Microsoft Office, Junit, JSP, jDeveloper, JavaScript, Java, HTML, CSS, Ant.

● **03/2007 - 08/2007**, Belgium
Senior Developer
Belgacom - Micro Research
SOA orchestration of Ethernet VDSL 2 services activation.

Responsibilities:
Testing and evaluating new Web services technologies: Axis 2 & XMLBeans vs Sun 2 & JAX-WS JAXB RI 2 (Java 5) with Apache load balancing and JBoss clustering for fail-over.
Development with Java 5, Hibernate and Oracle, EJB3, JAX-WS web services 2, JAXB 2, XPath on JBoss application server.
Development with JMS (Oracle Advanced Queues), socket, thread pool, JAXB 2.
Coaching Hibernate / MySQL, JAX-WS 2, JAXB 2, Java, J2EE, EJB3.
Development of integration workflows with Oracle BPEL, following SOA.
Unit, integration, and load testing with JUnit.
Documentation.
Ant / Maven builds from CVS.
Follow-up of user acceptance testing and production.

Technologies:
XSLT, XPath, XMLBeans, XML, Windows, Web Services, UML, SVN, SQL, Solaris, SOA, Oracle Database, Oracle BPEL flows, MySQL, Microsoft Office, Maven, Junit, JMS, JBoss, JAX-WS, JAXB, Java EE, Java, Hibernate, EJB, Eclipse, Apache Http Server, Apache Axis, Ant.

● **01/2007 - 02/2007**, Belgium
Senior Developer
Belgacom - Micro Research
Web application that allows Belgacom technicians to test the connection of customers to Alcatel REM for VDSL2.

Responsibilities:
Know-how takeover.
Architecture documentation.
Evolutive and corrective maintenance of the application developed in JSP / Struts / EJB and running on JBoss.
Production follow-up.

Technologies:
XML, Windows, Web Services, UML, SVN, Struts, SQL, Solaris, Oracle Database, Microsoft Office, Maven, Junit, JSP, JBoss, JavaScript, Java, HTML, EJB, Eclipse, CSS, Ant.

● **12/2006 - 12/2006**, Belgium
Architect, Senior Analyst/Developer
Police of Namur - Micro Research
Evaluation of the Nuxeo 5 platform for the document management needs of the Police of Namur.

Responsibilities:
Realization of different POC to assess the Nuxeo 5 platform for the document management needs of the Police of Namur.

Technologies:
XML, Windows, SVN, OSGi, MySQL, Microsoft Office, Maven, Linux, Junit, JSF, JPA, JDBC, JCR, JBoss Seam, JBoss, JavaScript, Java EE, HTML, EJB, Eclipse, CSS, Apache JackRabbit, Ant.

● **07/2006 - 11/2006**, Belgium
Senior Analyst/Developer, Architect, Team Leader
ETNIC - Micro Research
Gathering of topology, performance, and alarms information.

Responsibilities:
Analysis, architecture, lead, development, and maintenance of a JCA SNMP connector and EJB 2, JMS and Hibernate (Oracle / MySQL) services that perform the logic on JBoss.
JUnit tests and demonstrations.

Technologies:
XML, Windows, UML, SVN, Oracle Database, MySQL, Monitoring, Microsoft Office, Linux, Junit, JMS, JCA, JBoss, Java, Hibernate, EJB, Eclipse, Ant.

● **09/2006 - 10/2006**, Belgium
Senior Analyst/Developer
Belgacom - Micro Research
Web application for storing and searching for information about private telephone exchanges (PABX) managed by Belgacom.

Responsibilities:
Know-how takeover, analysis and modelling of functional specifications and business processes, command design pattern.
Development with Spring / Hibernate and JDBC on Oracle DB.

Architecture documentation.
Monitoring and assistance of other developers (Spring MVC, AJAX, Hibernate).
Maintaining a Web service implemented with Sun JWSDP.
Release into production.

Technologies:
XML, Windows, Web Services, UML, SVN, SQL, Spring MVC, Spring, Solaris, Oracle Database, Microsoft Office, Maven, JWSDP, Junit, JDBC, JBoss, JavaScript, Java, HTML, Hibernate, Eclipse, CSS, Apache Tomcat, Ant, AJAX.

● **09/2004 - 06/2006**, Belgium
Senior Analyst/Developer, Architect, Team Leader
Several telecommunication operators - Micro Research
Software product for the activation of IP / xDSL services, based on OSS / J and MTNM standards.

Responsibilities:
Analysis, SOA architecture, implementation of design patterns, lead, development, maintenance, and documentation of Telnet and TL1 JCA connectors, EJB 2 services, workflow tasks with Hibernate and JDBC / Oracle XML persistence, JSR 168 portlets in Struts / JSP in JBoss Portal and Liferay running on a JBoss application server.
Establishment of JUnit test procedures and demonstrations.

Technologies:
XML, Windows, UML, SVN, Struts, SQL, Portlets, Oracle Database, MySQL, Monitoring, Microsoft Office, Linux, Liferay, Junit, JSR-168, JSP, JDBC, JCA, JBoss Portal, JBoss, JavaScript, Java, HTML, Hibernate, EJB, Eclipse, CSS, Ant.

● **07/1997 - 06/2005**, Belgium
Analyst/Developer
PLDT and TPSA - Micro Research
Mediation tool dedicated to the collection of topology and traffic measurements, and the activation of controls in the Filipino and Polish public incumbents telephone network operators.

Responsibilities:
Analysis, architecture, specifications and, C / C ++ and Java Swing development on HP-UX with DCE-RPC & Unix IPC.

Technologies:
Windows, UNIX IPC, UNIX, UML, Swing, SQL, RPC-DCE, Oracle Database, Monitoring, Microsoft Office, Java, HP-UX, C++, C, Application Testing.

● **06/2004 - 08/2004**, Belgium
Senior Analyst/Developer
Belgacom - Micro Research

Web interface and engine for the mapping of variables in an application sold to Belgacom and used for the technical design of activation orders of IP / xDSL network services.

Responsibilities:
Design and development of the engine based on an implementation of XPath 2, a Struts / JSP / Javascript / JBoss module for the GUI and an Oracle persistence layer using a proprietary ORM.

Technologies:
XPath, XML, Windows, UML, SVN, Struts, SQL, ORM, Oracle Database, Microsoft Office, Linux, JSP, JBoss, JavaScript, Java, HTML, Eclipse, CSS, Ant.

● **01/2002 - 12/2003**, Belgium
Senior Analyst/Developer
Belgacom - Micro Research
Mediation tool dedicated to the management of faults in the PDH network of Belgacom.

Responsibilities:
Specifications and C + + development on HP-UX, TAO CORBA Notification Service, Oracle DB.
Testing, documentation, and maintenance.

Technologies:
XSLT, XML, Windows, UML, TAO Corba, SQL, Oracle Database, Monitoring, Microsoft Office, HP-UX, CVS, C++, Application Testing.

EDUCATION

● **09/1994 - 06/1997**
Bachelor's degree in business-oriented computer science
Haute Ecole Robert Schuman

CERTIFICATIONS AND TRAININGS

● **11/2023 - 11/2023**
Workshop, Web Accessibility for developers
Eleven Ways

● **11/2023**
Training, Web Accessibility: Foundation
Eleven Ways

● **11/2021**
Online Conference, Liferay /dev/24 2021
Liferay

● **10/2021**

Online Conference, Liferay Vision 2021
Liferay

03/2021
Online Conference, Liferay DEVCON 2021
Liferay

11/2020
Online Conference, Liferay France Symposium 2020
Liferay

09/2020
Online Conference, Liferay /dev/24 2020
Liferay

11/2018
Conference, Liferay DEVCON and Unconference
Liferay

09/2018
Training, Appraisals & follow-up: difficult cases
Nyuko / Otoya Consulting

07/2018
Training, Appraisals: objectives and follow-up
Nyuko / Otoya Consulting

06/2018
Training, Web accessibility
Sword Technologies Luxembourg

06/2018
Training, Appraisals: exchange and feedback
Nyuko / Otoya Consulting

11/2017
Training, Manager - Leader: Appraisal interviews
Nyuko / Otoya Consulting

11/2017
Training, Manager - Leader: Stress management
Nyuko / Otoya Consulting

11/2017
Training, Manager - Leader: Basics of communication
Nyuko / Otoya Consulting

11/2017
Training, Manager - Leader: Self-awareness and assertiveness

Nyuko / Otoya Consulting

● **10/2017**
Training, Manager - Leader: Delegation and objectives
Nyuko / Otoya Consulting

● **10/2017**
Training, Manager - Leader: Management roles and leadership styles
Nyuko / Otoya Consulting

● **07/2016**
Training, Less and SASS
Oxiane Luxembourg

● **06/2016**
Training, HTML5, JavaScript and CSS3 (advanced)
Oxiane Luxembourg

● **06/2016**
Training, HTML, JavaScript and CSS
Oxiane Luxembourg

● **06/2015**
Conference, Liferay Symposium Paris 2015
Liferay

● **03/2014**
Training, Liferay 6.2 Portal Administrator and Developer trainings
Smile

● **04/2013**
Certification, Scrum Master
scrum.org

● **04/2012**
Training, The fundamental principles of the PFS status
Vectis PSF

● **12/2011**
Certification, The bank for the non bankers
IFBL

● **12/2011**
Certification, Developing a web application with Ajax and GWT
Valtech Training

● **12/2011**
Certification, Developing a Java EE application with EJB3 and JPA
Valtech Training

- **11/2011**
  Training, Agile/Scrum presentation
  Fujitsu Technology Solutions

- **06/2011**
  Training, The fundamental principles of the PFS status
  Vectis PSF

- **04/2011**
  Training, Project Management with Scrum Workshop
  coProcess S.A

- **11/2010**
  Training, Alfresco webscripts
  Componize

- **10/2010**
  Training, ITIL awareness
  Information Systems Consulting & LC Conseil IT

- **10/2010**
  Training, Alfresco Developer Days
  Alfresco

- **05/2008**
  Training, Enterprise Content Management with Alfresco
  Sogeti

- **05/2008**
  Training, Developing web applications with Spring, JPA and JSF
  GFI/Zenika

- **02/2008**
  Certification, Sun Certified Java Programmer, 5th edition
  Prometric

- **02/2007**
  Training, Enterprise Content Management with Nuxeo5, OSGi, EJB3, JSF and JBoss Seam
  Nuxeo

- **02/2006**
  Training, EJB3, JPA, JSF, JBoss Seam
  JBoss

- **06/2004**
  Training, Advanced J2EE on JBoss
  JBoss

- **05/2004**
  Training, J2EE on JBoss
  JBoss

- **06/2003**
  Training, Java servlets and JSPs
  Belgacom

- **03/2000**
  Training, Object oriented analysis and design with UML
  Micro Research

LANGUAGES

MOTHER TONGUE(S): French.

	Understanding	Speaking	Writing
English	C1	C1	C1
Dutch			