

# LUDOVIC VALENTE

FULLSTACK SOFTWARE ENGINEER @SFEIR LUXEMBOURG

## ABOUT

Senior Application Fullstack Developer, IT architect, VueJs Trainer, tech lead, Flutter/Android developer. Focused on modern architecture around mobility and web requirements. I create modern apps with emergent technologies relying on efficient architecture. Main/favorite skills : Java, SpringBoot, Android KMP, ElasticSearch, NodeJs, VueJs, Flutter

## WORK EXPERIENCE

### SFEIR

<https://www.linkedin.com/company/sfeir/>  
August 2017 – Present

Luxembourg

#### Fullstack software engineer

Consultant in software development and architecture

##### Highlights

- ◀ java
- ◀ SpringBoot
- ◀ Kafka
- ◀ Cloud
- ◀ Android Mobile

### SFEIR

<https://www.linkedin.com/company/sfeir/>  
January 2018 – December 2024

Luxembourg

#### Engineer manager

Managing a team of 10 collaborators, in charge of career follow-up, training, mission and clients, participation in Luxembourg agency decisions.

##### Highlights

- ◀ follow up
- ◀ career
- ◀ HR
- ◀ formation

### Temenos

<https://www.linkedin.com/company/temenos/>  
July 2024 – December 2024

Bertrange, Luxembourg, Luxembourg

#### Senior Software Developer

As a senior dev, my mission for Sfeir is to help and create a data platform upon existing Multifonds Temenos data system, to provide custom portals.

##### Highlights

- ◀ java

## CONTACT



Luxembourg  
LU



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<https://scora.watch>



LinkedIn  
[ludovicvalente](#)



GitHub  
[ludoo0d0a](#)



Twitter  
[ludoo0d0a](#)


CV en français   
CV de Ludovic Valente

PDF  
[cv.pdf](#) 

## EDUCATION

1995  
2000

Ecole nationale d'Ingénieurs de Metz

 Engineer degree

Generalist engineer, speciality mechanic

## SKILLS

Frontend Senior

HTML / JSX

SCSS / CSS / Styled Components / Material

Javascript / Typescript React Angular

Vuejs Sencha Extjs Backbone.js

Webpack Redux Chrome Extensions

GruntJS GreaseMonkey Figma

Backend Senior

Node Java Spring SpringBoot Solr

ElasticSearch Python Kotlin scala

Postgres Redis Serverless Keycloak

Kafka Microservices REST SOA

JHipster Hibernate XSL/XSLT MongoDB

Oracle PostgreSQL

Cloud Senior

AWS Azure / AKS Google Cloud / GCP

Netlify kubernetes

- ◀ SpringBoot
- ◀ keycloak
- ◀ jwt
- ◀ jsonApi
- ◀ jsonSchema
- ◀ unit testing
- ◀ integration testing

**Foyer Group** **Leudelange, Luxembourg, Luxembourg**  
<https://www.linkedin.com/company/foyer-assurances/>  
 February 2023 – June 2024

### Architect, Expert leader

I joined architecture team MEO to improve quality, architecture and processus around software production inside Foyer Group. A lot of interesting challenges here !

#### Highlights

- ◀ AWS
- ◀ SpringBoot
- ◀ scala
- ◀ CI/CD
- ◀ Kubernetes
- ◀ argoCD
- ◀ JWT

**Fundsquare** **Luxembourg**  
<https://www.linkedin.com/company/fundsquare/>  
 August 2017 – February 2023

### Ingenieur développement fullstack

As a senior dev, I mostly manage the collection platform to get data, processing, wrangling, cleansing. Main collected data are Priips EPT, Mifid EMT, EET, ... As a tech lead, I coordinate teams, draft architecture, and organize stuff with all actors to reach a stable and technically viable solution, matching the target vision. I design and dev most of the patterns like data layers, orchestration, choreography, distributed transactions, communication event driven, business monitoring, contract spec with json schema, code generators for microservices ready to deploy and for API clients, tooling devops scripts for local dev, delivery and troubleshooting. The stack is composed of several layers around these main technologies : - SpringBoot, Camunda BPM, Kafka, Trifacta, Camel, MsSql, Mongo, Elasticsearch, Kubernetes, AKS, ESB, Openshift, React, GraphQL , Nodejs We are working in collaboration with Bourse du Luxembourg architecture team to evolve to a modern solution, cloud-native in Azure. In 5 years, we fully moved from legacy tomcat+mssql+esb to distributed event driven micro services+mongo+kafka cloud native. Since Fundsquare's acquisition by Fe Fundinfo, short target is to move completely cloud native, and integrate their platform.

#### Highlights

- ◀ SpringBoot
- ◀ Camunda BPM
- ◀ Kafka
- ◀ Trifacta
- ◀ Camel

**CI/CD** **Senior**  
**Github actions** **argoCD** **Jenkins**

**Mobile** **Senior**  
**Flutter** **iOs / Swift / ObjectiveC**  
**Android / Kotlin / Jetpack compose / KMP**  
**Ionic Framework** **Gradle**

## PUBLICATIONS

### Scora

03 September 2024

<https://play.google.com/store/apps/details?id=fr.geoking.tennis.scoreboard.wear>

Tennis scoreboard for watch on Google Android WearOS

### Passport for Geocaching

09 October 2019

<https://www.npmjs.com/package/passport-geocaching>

Geocaching authentication strategy for Passport and Node.js

## REFERENCES

I had the chance to work with Ludovic at the European Parliament for about 2 years. The way he can deliver quality software on a very short time using cutting-edge technologies is very impressive. His experience and ability to foresee problems at the very first phases of the project helped us a lot while taking decisions. I would recommend Ludovic to anyone looking for a highly skilled, effective and professional software engineer.

— Vincent Mellano

Ludovic is a very talented person. He can tackle hard tasks in a short schedule while maintaining the quality of the result. He was an invaluable partner during the time we spent working in the same service of the European parliament, and I can't wait to work with him again in the future years if it is made possible. In the meantime, I can only recommend him to anybody looking for a capable professional, who doesn't lack neither the ability to learn nor an advanced existing technical knowledge.

— Pierre-antoine Gregoire

- ◀ MsSql
- ◀ Mongo
- ◀ Elasticsearch
- ◀ Kubernetes
- ◀ AKS
- ◀ Azure
- ◀ ESB
- ◀ Openshift
- ◀ React
- ◀ GraphQL
- ◀ Nodejs

### Luxembourg Stock Exchange

Luxembourg

🌐 <https://www.linkedin.com/company/luxembourg-stock-exchange/>  
January 2021 – October 2021

### Senior Software Developer

Part time between LuxSE and Fundsquare (for Sfeir) The goal is to develop a new common set of tools. These services are shared by LuxSE and Fundsquare. Hosted in Azure, relying on Spring - Kafka - Mongo, I'm in charge of the development of several services. FTP connector, API Catalog are the first services of this platform.

#### Highlights

- ◀ Spring
- ◀ Kafka
- ◀ Mongo
- ◀ Azure
- ◀ Openshift

### SOGETI Luxembourg

Bertrange

🌐 <https://www.linkedin.com/company/sogeti-luxembourg/>  
June 2017 – August 2017

### Fullstack software engineer

Conversion tool for European Parliament. This MsWord to Xml engine is used in production to produce xml document compliant with rules provided by EP. I built the engine core on the project startup. During these 3 months, I put the project a level higher in terms of readability, testing, maintenance, new format support. Quality improvement, testing support, improve rules engine, rewrite rules and transformers for the 2 main formats. Java, Spring, Eclipse, Xml, AkomaNtoso, Xsd, Dtd, Jira

#### Highlights

- ◀ Java
- ◀ Spring
- ◀ Eclipse
- ◀ Xml
- ◀ AkomaNtoso
- ◀ Xsd

◀ Dtd

◀ Jira

### Sogeti luxembourg

**Bertrange, Luxembourg**

🌐 <https://www.linkedin.com/company/sogeti-luxembourg/>  
June 2001 – August 2017

#### Fullstack software engineer

I worked for european and national institutions as Fullstack software engineer. Projects are mainly focused on web and mobile technologies. Java+Spring, nodejs, Backbone, Android..., I follow modern standards and new performant libraires and frameworks. Integrated into several teams from multiple clients, I like to work with people of different multi cultural backgrounds. See details above :

##### Highlights

- ◀ Java
- ◀ Spring
- ◀ nodejs
- ◀ Backbone
- ◀ Android

### SOGETI Luxembourg

**Luxembourg**

🌐 <https://www.linkedin.com/company/sogeti-luxembourg/>  
January 2017 – June 2017

#### Fullstack software engineer

at European Parliament, DAS Unit (Translation) Restart a collaborative platform from scratch. Complete technology migration from Sharepoint to Java/Angular. The first steps should put basis of full extensible collaborative system, strongly relying on business data. JHipster / Spring Boot / ElasticSeach / Angular / Bootstrap / webpack / grunt / nodejs / jdk7 / tomcat7

##### Highlights

- ◀ JHipster
- ◀ Spring Boot
- ◀ ElasticSeach
- ◀ Angular
- ◀ Bootstrap
- ◀ webpack
- ◀ grunt
- ◀ nodejs
- ◀ jdk7
- ◀ tomcat7

### SOGETI Luxembourg

**Luxembourg**

🌐 <https://www.linkedin.com/company/sogeti-luxembourg/>  
June 2016 – December 2016

#### Fullstack software engineer

at European Parliament, DAS Unit (Translation) SPA+ : Participate in architecture services oriented ; Build and configure a router/proxy. Socrates : Building a REST-based event manager to complete the suite of tools -> Spring Boot, Spring Cloud, microservices architecture, angular , bootstrap, bower, grunt, jpa, Oracle, tomcat, java8

#### Highlights

- ◀ Spring Boot
- ◀ Spring Cloud
- ◀ microservices architecture
- ◀ angular
- ◀ bootstrap
- ◀ bower
- ◀ grunt
- ◀ jpa
- ◀ Oracle
- ◀ tomcat
- ◀ java8

#### SOGETI Luxembourg

🌐 <https://www.linkedin.com/company/sogeti-luxembourg/>  
January 2016 – June 2016

#### Fullstack software engineer

at European Parliament, DAS Unit (Translation) Sirius : Search engine - Architect, technical analyst, developement, web integration, testing, deployments. Implement a solution based on ElasticSearch for millions of documents in multilingual and translation context. Web application in SPA architecture, repsonsive and REST oriented. -> ElasticSearch, Spring Data, Java, Backbone, Marionette, Bootstrap, Grunt, Maven, REST, json

#### Highlights

- ◀ ElasticSearch
- ◀ Spring Data
- ◀ Java
- ◀ Backbone
- ◀ Marionette
- ◀ Bootstrap
- ◀ Grunt
- ◀ Maven
- ◀ REST
- ◀ json

#### SOGETI Luxembourg

🌐 <https://www.linkedin.com/company/sogeti-luxembourg/>  
October 2014 – December 2015

**Luxembourg**

#### Web/Java developer

at European Parliament, DAS Unit (Translation) Fluid+ : Join a team to complete a web application dedicated to contracts managements for Translation Units. Support for teams

on Sencha Extjs. UX advisor for the unit. -> Scrum, Spring, Java, Extjs, Maven

### Highlights

- ◀ Scrum
- ◀ Spring
- ◀ Java
- ◀ Extjs
- ◀ Maven

### SOGETI Luxembourg

Luxembourg

🌐 <https://www.linkedin.com/company/sogeti-luxembourg/>  
March 2014 – September 2014

### IT Consultant

at BNL - Bibliothèque Nationale du Luxembourg Etude Solr pour un moteur de recherche performant pour eluxemburgensia.lu. Rechercher, investiguer, tester et réaliser des prototypes avec Solr. Intégration forte à l'outil existant A-Z.lu et au viewer eluxemburgensia.lu. Problématique de scalabilité et performance. Réalisation de prototype avec SolrCloud. Solr 4.8 - SolrCloud - ZooKeeper - Vagrant - Python -

### Highlights

- ◀ SolrCloud
- ◀ ZooKeeper
- ◀ Vagrant
- ◀ Python

### SOGETI Luxembourg

Luxembourg

🌐 <https://www.linkedin.com/company/sogeti-luxembourg/>  
October 2013 – March 2014

### Android Mobile Developer

Développement d'une app Android pour effectuer le relevé des prix pour le STATEC (statec.lu). Réalisation des services backend (Java, Spring MVC) Android SDK 4.ADT, AndroidStudio, Gradle, Volley, AndroidPlot, GreenDAO Eclipse, Spring MVC, Apache Commons, Rest, XML

### Highlights

- ◀ ADT
- ◀ AndroidStudio
- ◀ Gradle
- ◀ Volley
- ◀ AndroidPlot
- ◀ GreenDAO
- ◀ Eclipse
- ◀ Spring MVC
- ◀ Apache Commons
- ◀ Rest
- ◀ XML

## SOGETI Luxembourg

June 2013 – July 2013

### Mobile developer - iOS

pour Editus Luxembourg, Pour l'app iPhone/iPad habiter.lu, développement de l'API avec RestKit. Mockup avec Nodejs et Express.

#### Highlights

- ◀ iOS
- ◀ RestKit
- ◀ Nodejs
- ◀ Express

## SOGETI Luxembourg

Luxembourg

🌐 <https://www.linkedin.com/company/sogeti-luxembourg/>

March 2013 – June 2013

### Développeur - architecte Web/Java

at BNL - Bibliothèque nationale du Luxembourg Mise à jour du projet eLuxemburgensia. Support de Extjs 4.2 Process de build avec Sencha Cmd. Refonte des thèmes en SASS. Découplage du repository pour amélioration des performances. Support des livres. Architecture des caches revue.

#### Highlights

- ◀ Extjs
- ◀ java

## SOGETI Luxembourg

Luxembourg / Monaco

🌐 <https://www.linkedin.com/company/sogeti-luxembourg/>

November 2012 – February 2013

### Web/Java developer

at Société Générale Bank & Trust Based on Documentum, we develop a webapp to manage PDF using business workflows. Thanks to pdfBox, I managed PDF edition. I made the complex web interface with JQueryUI and others jQuery plugins. --- Développement d'un outil de gestion documentaire. Basé sur Documentum, l'application Web permet de gérer les workflows des documents PDF. Conception de l'interface avec JQueryUI. Edition/manipulation des PDF avec pdfBox.

#### Highlights

- ◀ java
- ◀ jQuery
- ◀ JQueryUI
- ◀ pdfBox
- ◀ Documentum

## SOGETI Luxembourg

🌐 <https://www.linkedin.com/company/sogeti-luxembourg/>

January 2012 – May 2012

### Web/Java developer

at BNL - Bibliotheque nationale du Luxembourg Add some new features on the Web Media Viewer used in eluxemburgensia.lu

### SOGETI Luxembourg

luxembourg

 <https://www.linkedin.com/company/sogeti-luxembourg/>  
November 2011 – December 2011

### Software engineer

at BNL - Bibliotheque nationale du Luxembourg for LNB - Latvia library Publish a media viewer, developed previously, as an opensource project. Removes proprietary dependencies and create a free mode instead. Gives the application a high level of loose coupling and the capability to be well integrated in other systems. <http://sourceforge.net/projects/bnlviewer/>  
Now project is used in <http://www.periodika.lv>

### SOGETI Luxembourg

Luxembourg

 <https://www.linkedin.com/company/sogeti-luxembourg/>  
May 2010 – December 2011

### Consultant

at European Parliament - WebApplication development e-dictionaries is web tool to distribute and launch dictionaries (web or local) according to the relative licenses. Users could easily manage their favorite dictionaries on its portal. Administration includes licenses management, statistics reports, graphical overview of expiration and quota exceeded. Used by all translators for their day to day translations.

### Highlights

- ◀ Java
- ◀ Spring
- ◀ Hibernate
- ◀ jQueryUI
- ◀ Virtualization system (AppV,SCCM,...)
- ◀ Oracle
- ◀ AD/LDAP
- ◀ JavaWebStart

 <https://www.linkedin.com/company/sogeti-luxembourg/>  
August 2009 – May 2010


### Software engineer

at BNL - Bibliotheque nationale du Luxembourg Creation and integration of a new Web client (Extjs/Java) to consult newspapers and books online. Mets/alto standards. Full Web2.0 application.

### Highlights

- ◀ Extjs
- ◀ Java
- ◀ xml
- ◀ ALTO
- ◀ Mets

### SOGETI Luxembourg

 <https://www.linkedin.com/company/sogeti/>



September 2007 – July 2009

### Senior Software Engineer - J2EE, XML, DMS/CMS, Extjs specialist

at European Parliament : - Study and support for a workflow engine adoption : Bonita - workflow integration in a SOA approach - XML, XSL support to project teams - Jahia support (use, custom dev, bugfix, ...) to project teams - Studies on different Document Management system - J2EE projects development

#### Highlights

- ◀ SOA
- ◀ java
- ◀ J2EE
- ◀ XSL
- ◀ xml
- ◀ Bonita workflow
- ◀ Jahia

### Sogeti

 <https://www.linkedin.com/company/sogeti/>  
September 2006 – August 2007

### IT architect

Client : European Court of Justice. Creation of an architecture team in charge of competitive intelligence and installation of a new homogeneous development environment (technologies, tools, testing, ergonomics).

#### Highlights

- ◀ jsf
- ◀ ejb
- ◀ toplink orm
- ◀ Jdeveloper
- ◀ xml

### Sogeti

 <https://www.linkedin.com/company/sogeti/>  
January 2006 – August 2007


### Software analyst developer

Client : European Court of Justice. Main developer on an Intranet system : the first application hosted by this new system is a research tool enabling to merge and abstract all different sources of datas.

#### Highlights

- ◀ Java
- ◀ XSL
- ◀ Ajax
- ◀ XML
- ◀ Oracle10g xmlDB
- ◀ OracleText contextual search

## Sogeti

 <https://www.linkedin.com/company/sogeti/>

January 2006 – February 2006

### Software analyst developer

Client : European Court of Justice. Main developer on a search engine dedicated to Canevas enabling to search and insert references in the different 20 languages. J2EE Web application using Struts, JSP, authentication against LDAP AD/OID, Oracle database, use of ICU to help international translation and string manipulation

#### Highlights

- ◀ Word
- ◀ VB
- ◀ VBA
- ◀ icu
- ◀ java
- ◀ jsp
- ◀ OIDC
- ◀ ldap

## Sogeti

 <https://www.linkedin.com/company/sogeti/>

August 2005 – February 2006

### Software analyst developer

Client : European Court of Justice. Analyst and developer for a project of management of all the decisions taken during hearings concerning the different cases. J2EE Web application using Struts, JSP and business taglibs, authentication against LDAP AD/OID, Oracle database and XML serialization

#### Highlights

- ◀ Word
- ◀ VB
- ◀ VBA
- ◀ icu
- ◀ java
- ◀ jsp
- ◀ OIDC
- ◀ ldap

## Sogeti

 <https://www.linkedin.com/company/sogeti/>

September 2001 – September 2004

### Software analyst developer

Client : European Court of Justice. Main developer / analyst on a project named Canevas. It's a multi-tiers office application for judiciary documents creation.

#### Highlights

- ◀ VB

- ◀ Word VBA
- ◀ Servlets Java
- ◀ XML
- ◀ XSL
- ◀ WordML
- ◀ Oracle10g database

## Quaternove

September 2000 – September 2001

### Project manager

THALES e-Transactions delivers printers inside kiosks for ticket delivery in airport and train stations. This project was aimed at providing a few prototypes of these machines and go to the production line with all necessary certificates. • Electronic and mechanical development • Production management • Suppliers management • Computer system (VB, serial communication) to control different printers for various tests in order to obtain certificates.

### Highlights

- ◀ VB
- ◀ industrial prototyping
- ◀ Suppliers management

## 🔗 PROJECTS

- ◀ **Scora:**
- ◀ **Gorilla:**
- ◀ **GCWizard:**
- ◀ **Npm/nodejs library for Backbone et Passport authentication:**
- ◀ **Geocaching Tools:**
- ◀ **Rapid platform for iPhone application:**
- ◀ **Eye Traffic - Lux traffic info:**
- ◀ **Site du club de Handball de Amnéville:**
- ◀ **ReaderPlus Chrome extension:**
- ◀ **Windows8 Application:**
- ◀ **Facelift site d'annonces immobilières:**