

# 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

7 years, 4 months

#### Fullstack software engineer

Consultant in software development and architecture

java

SpringBoot

Kafka

Cloud

Android Mobile

### SFEIR

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

January 2018 – December 2024

Luxembourg

6 years, 11 months

#### Engineer manager

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

follow up

carreer

HR

formation

### Temenos

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

July 2024 – December 2024

Bertrange, Luxembourg

5 months

#### 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.

java

SpringBoot

keycloak

jwt

jsonApi

jsonSchema

unit testing

integration testing

## Foyer Group

Leudelange, Luxembourg

<https://www.linkedin.com/company/foyer-assurances/>

February 2023 – June 2024

1 year, 3 months

### 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 !

AWS

SpringBoot

scala

CI/CD

Kubernetes

argoCD

JWT

## Fundsquare

Luxembourg

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

August 2017 – February 2023

5 years, 6 months

### 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.

SpringBoot

Camunda BPM

Kafka

Trifacta

Camel

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

9 months

### 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.

Spring

Kafka

Mongo

Azure

Openshift

## SOGETI Luxembourg

Bertrange, Luxembourg

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

June 2017 – August 2017

2 months

## 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

Java

Spring

Eclipse

Xml

AkomaNtoso

Xsd

Dtd

Jira

## Sogeti luxembourg

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

June 2001 – August 2017

## Bertrange, Luxembourg

16 years, 2 months

## 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 :

Java

Spring

nodejs

Backbone

Android

## SOGETI Luxembourg

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

January 2017 – June 2017

## Luxembourg

5 months

## 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

## SOGETI Luxembourg

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

June 2016 – December 2016

## Luxembourg

6 months

## 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

## SOGETI Luxembourg

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

January 2016 – June 2016

5 months

## 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

## SOGETI Luxembourg

Luxembourg

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

October 2014 – December 2015

1 year, 2 months

### 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

## SOGETI Luxembourg

Luxembourg

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

March 2014 – September 2014

6 months

### 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.

SolrCloud

ZooKeeper

Vagrant

Python

## SOGETI Luxembourg

Luxembourg

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

October 2013 – March 2014

5 months

### 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

ADT

AndroidStudio

Gradle

Volley

AndroidPlot

GreenDAO

Eclipse

Spring MVC

Apache Commons

Rest

XML

## SOGETI Luxembourg

June 2013 – July 2013

1 month

### Mobile developer - iOS

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

**SOGETI Luxembourg****Luxembourg**<https://www.linkedin.com/company/sogeti-luxembourg/>

March 2013 – June 2013

3 months

**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.

ExtJs java

**SOGETI Luxembourg****Luxembourg / Monaco**<https://www.linkedin.com/company/sogeti-luxembourg/>

November 2012 – February 2013

3 months

**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.

java jQuery jQueryUI pdfBox Documentum

**SOGETI Luxembourg**<https://www.linkedin.com/company/sogeti-luxembourg/>

January 2012 – May 2012

4 months

**Web/Java developer**

at BNL - Bibliothèque 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

1 month

**Software engineer**

at BNL - Bibliothèque 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>

opensource forks

**SOGETI Luxembourg****Luxembourg**<https://www.linkedin.com/company/sogeti-luxembourg/>

May 2010 – December 2011

1 year, 7 months

## 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.

Java

Spring

Hibernate

jQueryUI

Virtualization system (AppV,SCCM,...)

Oracle

AD/LDAP

JavaWebStart

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

August 2009 – May 2010

9 months

## 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.

Extjs

Java

xml

ALTO

Mets

## SOGETI Luxembourg

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

September 2007 – July 2009

1 year, 10 months

## 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

SOA

java

J2EE

XSL

xml

Bonita workflow

Jahia

## Sogeti

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

September 2006 – August 2007

11 months

## 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).

jsf

ejb

toplink orm

Jdeveloper

xml

## Sogeti

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

January 2006 – August 2007

1 year, 7 months

## 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.

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

Word

VB

VBA

icu

java

jsp

OIDC

Idap

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

August 2005 – February 2006

6 months

**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

Word

VB

VBA

icu

java

jsp

OIDC

Idap

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

September 2001 – September 2004

3 years

**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.

VB

Word VBA

Servlets Java

XML

XSL

WordML

Oracle10g database

**Quaternove**

September 2000 – September 2001

1 year

**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.

VB

industrial prototyping

Suppliers management

**Scora** : Tennis scoreboard app for WearOS watch It helps you to count score during your tennis match. Website: <http://scora.watch> Published on Google play Store : <https://play.google.com/store/apps/details?id=fr.geoking.tennis.scoreboard.wear>

**Gorilla** : JS framework to automate task in Web

**GCWizard** : This mobile app contains numerous offline tools, tables and calculators to support the active geocacher in the field or at home in solving puzzles or calculations. Available for iOS, Android and Web.

**Npm/nodejs library for Backbone et Passport authentication** : Development and distribution on npmjs and github of NodeJs components.\n- backgrid (grid / backbone): CommonJs compatible fork.\n- Passport.js strategy for geocaching\n- Geocaching NodeJs API

**Geocaching Tools** : Site Web contenant des outils online pour la communauté geocaching. [pitaso.com](http://pitaso.com) devenu maintenant geoking.fr

**Rapid platform for iPhone application** : Rapid platform for iPhone application

**Eye Traffic - Lux traffic info** : Chrome Extension to monitor traffic info in Luxembourg.

**Site du club de Handball de Amnéville** : Web site building for the Amnéville handball club. Promotion of the club, involvement of the committee in this new communication tool, promotion of our teams in N3 and national, news, results and calendars of the different teams

**ReaderPlus Chrome extension** : Extension Chrome pour Google Reader. Améliore la navigation et la présentation en ajoutant un thème, des fonctions de partage vers les sites sociaux, un aperçu rapide des articles, des icônes, un filtre, et plus encore.... Jusqu'à 80 000 utilisateurs avant la fermeture de GoogleReader. Projet transféré à une équipe chinoise.

**Windows8 Application** : Creation and publication of a Windows 8 mobile application. Real estate management for a Parisian agency

**Facelift site d'annonces immobilières** : Facelift and addition of multiple features to Habiter.lu website dedicated to real estate listings for Editus.

## CONTACT



**Luxembourg**  
**LU**



**[ludovic.valente@gmail.com](mailto:ludovic.valente@gmail.com)**



**<https://scora.watch>**



**LinkedIn**  
**[ludovicvalente](#)**



**Github**  
**[ludoo0d0a](#)**




**Twitter**



## EDUCATION

1995 2000

Ecole nationale d'Ingénieurs de Metz

 Engineer degree

Generalist engineer, mechanical specialty

## 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

CI/CD 

Senior

Github actions

argoCD

Jenkins

Mobile 

Senior

Flutter


iOs / Swift / ObjectiveC

Android / Kotlin / Jetpack compose / KMP

Ionic Framework

Gradle

## PUBLICATIONS

Scora
<div>September 3, 2024</div> <div> <a href="https://play.google.com/store/apps/details?id=fr.geoking.tennis.scoreboard.wear">https://play.google.com/store/apps/details?id=fr.geoking.tennis.scoreboard.wear</a></div> <div>Tennis scoreboard for watch on Google Android WearOS</div>
Passport for Geocaching

October 9, 2019

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

Geocaching authentication strategy for Passport and Node.js

## LANGUAGES

French

Native speaker

English

Fluent

## INTERESTS

Geocaching

gps

treasure hunt

Sports

Hiking

Tennis

Handball

## 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