

# **LUDOVIC VALENTE**

## FULLSTACK SOFTWARE ENGINEER @SFEIR LUXEMBOURG



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, ElasticSearch, NodeJs, VueJs, Flutter

### **IBI** WORK EXPERIENCE

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

August 2017 - Present

Luxembourg

8 years, 1 month

### Fullstack software engineer

Consultant in software development and architecture

iava

**SFEIR** 

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

formation

#### Société Générale

Belval, Luxembourg

https://www.linkedin.com/company/societe-generale/

February 2024 - September 2024

7 months

#### Tech lead

As Sfeir consultant, I am Tech lead / dev / architecture in the Regulatory team for Luxembourg. Regulatory topics are mainly reporting on EMIR, MIFID, Loi du 25 mars My role is to improve efficiency and code quality in the team of 4 developers. In the meantime, target is the modernization of several apps to Kubernetes/Cloud/API.

java SpringBoot jwt reactive programming openapi unit testing integration testing

#### **Temenos**

### Bertrange, Luxembourg

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

July 2024 - December 2024

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, orchestation, 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 E

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

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

# Bertrange, Luxembourg

# Sogeti luxembourg

https://www.linkedin.com/company/sogeti-luxembourg/ June 2001 - August 2017

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**

Luxembourg

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

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**

Luxembourg

https://www.linkedin.com/company/sogeti-luxembourg/ lune 2016 - December 2016

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 јра

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** 

ison

### **SOGETI Luxembourg**

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

October 2014 - December 2015

Luxembourg

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**

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

March 2014 - September 2014

Luxembourg

#### **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**

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

October 2013 - March 2014

5 months

Luxembourg

### **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

6 months

ADT AndroidStudio Gradle Volley AndroidPlot GreenDAO Eclipse **Spring MVC Apache Commons** Rest

### **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 Nodels et Express.

iOs RestKit

NodeJs

**Express** 

#### **SOGETI Luxembourg**

Luxembourg

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

March 2013 - June 2013

3 months

#### Développeur - architecte Web/Java

at BNL - Bibliotheque 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 ¡Query 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 - 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

1 month

### **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

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

jQueryUl

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







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 worklow engine adoption: Bonita - workflow integration in a SOA approch - 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 xmIDB

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

ldap

#### 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

ldap

### 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

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** 

# **PROJECTS**

**Scora**: Tennis scoreboard app for WearOS watch It helps you to count score during your tennis match. Website: http://scorawatch.com 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 devenu maintenant geoking.fr

**Rapid plateform for iPhone application**: Rapid plateform for iPhone application

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

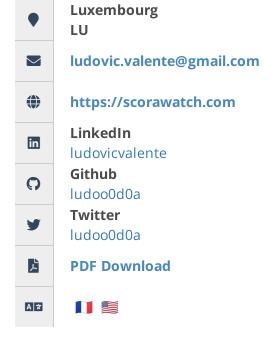
**Site du club de Handball de Amnéville**: Web site building for the Amnéville handball club. Promotion of the club, involvement of the committee in this new communication tool, promotion of our teams in N3 and national, news, results and calendars of the different teams

**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.

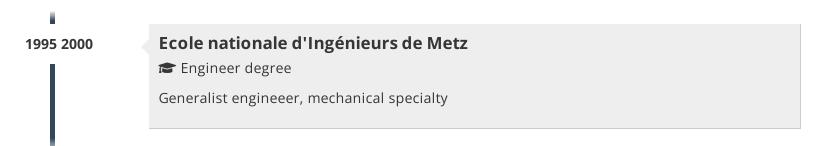
**Windows8 Application**: Creation and publication of a Windows 8 mobile application. Real estate management for a Parisian agency

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

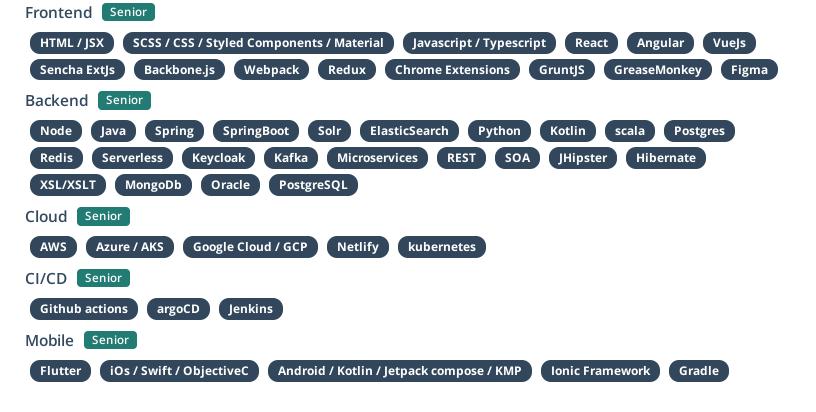




### **並 EDUCATION**



### **注SKILLS**



# **PUBLICATIONS**

#### Scora

September 3, 2024

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

Tennis scoreboard for watch on Google Android WearOS

#### Theme for resume theme using json-resume format

January 2, 2025

https://www.npmjs.com/package/jsonresume-theme-ludoo

Theme for resume theme using json-resume format, including i18n

#### **Passport for Geocaching**

October 9, 2019

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

Geocaching authentication strategy for Passport and Node.js

#### ReaderPlus Chrome Extension

October 1, 2011

https://chrome.google.com/webstore/detail/hhcknjkmaaeinhdjgimjnophgpbdgfmg

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.

#### **AE LANGUAGES**

French Native speaker

English

Fluent

# **INTERESTS**

Geocaching

gps treasure hunt

Sports

Hiking

**Tennis** 

Handball



Piano

#### **▼** 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