LUDOVIC VALENTE
FULLSTACK SOFTWARE ENGINEER @SFΞIR 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	Luxembourg
🌐 https://www.linkedin.com/company/sfeir/	
August 2017 – Present	

Fullstack software engineer
Consultant in software development and architecture

Highlights

◁ java

◁ SpringBoot

◁ Kafka

◁ Cloud

◁ Android Mobile

SFEIR	Luxembourg
🌐 https://www.linkedin.com/company/sfeir/	
January 2018 – December 2024	

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

◁ carreer

◁ HR

◁ formation

Temenos	Bertrange, Luxembourg, Luxembourg
🌐 https://www.linkedin.com/company/temenos/	
July 2024 – December 2024	

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
✉	**ludovic.valente@gmail.com**
🌐	**https://scora.watch**
in	**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 engineeer, 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   **Luxembourg**
🌐 https://www.linkedin.com/company/sogeti-luxembourg/
October 2014 – December 2015

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 - 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.

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 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

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

ⵌ PROJECTS

◁ **Scora**:

◁ **Gorilla**:

◁ **GCWizard**:

◁ **Npm/nodejs library for Backbone et Passport authentication**:

◁ **Geocaching Tools**:

◁ **Rapid plateform 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**: