

# A. P.

## Software Architect & Developer



### Professional experiences

#### Neopixl

Since sept. 2015

##### **Backend & Frontend developer.**

Development of a monitoring solution for Tango REST API.

*AngularJS, JHipster, Spring-boot, ChartJS, REST, Git, Sourcetree.*

Development of a web application for CMG interacting with Parse database.

*Meteor, Parse, REST, Bootstrap, Git, confluence.*

Maintenance of an inhouse application PushPixl managing push notifications.

*AngularJS, Spring-boot, REST, Git, confluence.*

#### Champ Cargosystems

July. 2014 -

##### **Software engineer**, Open cargo platform.

Aug. 2015 Development of a software platform.

Development of an indexing solution inspired from spring-data.

Development of the UI Framework.

*CQRS, Event Driven Programming, Apache Karaf, Vaadin, Elasticsearch, OSGi, Git, Sourcetree, Jira, Scrum, sonar, confluence.*

#### Cetrel Securities

Sept. 2013 -

##### **Team leader (10 mois).**

June 2014

- Development of a GWT application managing the validation of reference prices for financial assets based on the data of several providers (SIX Telekurs, Reuters, Bloomberg).

- Export of SIX Telekurs's data.

- Development of a GWT application managing access rights for several Cetrel Securities's products.

- Development of generic tools for import/export of data.

- As technical officer, monitoring technological developments and setting up a software industrialisation platform.

*Apache Tomcat 6, GWT 2, Spring, Spring-security, Spring-web-service, SOAP Web services, jOOQ, HTML, CSS, Twitter Bootstrap, secured Web services (SSL), Args4J, Oracle 11, PL/SQL, JUnit, dbUnit, Mockito, Subversion.*

#### CTG Luxembourg PSF

April 2013 -

##### **Team leader (5 months)**, Administrations des contributions directes au Luxembourg, Direch.

Aug. 2013

Development of a web application used by companies to make their tax declarations.

*Websphere 7 & RAD7.5, SOAP Web services, Struts 2, JPA, HTML, CSS, Twitter Bootstrap, Javascript, JQuery, IBM DB2, Git.*

June 2012 -

##### **Software architect (4 months)**, CTIE.

Sept. 2012

Architecture of a generic web solution used as standards for future CTIE's projects :

- Functional tests based on Arquillian

- Generic validation layer based on JSR303 (Hibernate validator)

- API simplifying the creation of dynamic JPQL queries

- API for Office (docx & xlsx) documents generation

*Struts 2, Arquillian, JUnit, DBUnit, JPA, Apache POI, Hudson, Sonar, Maven 2, Git.*

- May 2012 **Software engineer (1 week)**, internal project, IDC Timer.  
Analyse, development, tests and deployment of a solution registering the duration of calls of helpdesk agents.  
*HTML5, CSS3, Javascript, Node.js, MongoDB, architecture REST, JQuery, JQuery UI, Mustache, Git.*
- April 2012 **Software engineer (4 weeks)**, internal project, Connect to grow.  
During the recruitment campaign of CTG, development of a web site collecting data from different social networks **Twitter, Facebook & LinkedIn**.  
*JQuery mobile, JSONP, HTML, CSS, Javascript, JQuery, Git.*
- Oct. 2011 - June. 2012 **Software engineer (9 months)**, internal project, Psymap.  
Development of a web application managing the customer relationship based on the MBTI's methodology.  
*C#, .Net, MVC, Razor, IIS, Enterprise Library, Visual studio, HTML, CSS, Javascript, JQuery, Foundation, SQL Server, Team Foundation Server.*
- Oct. 2011 - Feb. 2012 **Software engineer (5 months)**, Ministry of foreign affairs in Luxembourg, Aeimm.  
Application managing resident's permits.  
Maintenance of the application and development of new functionalities.  
*Websphere 7. & RAD7.5, SOAP Web services, Struts 2, JPA, HTML, CSS, Javascript, JQuery, IBM DB2, SVN.*
- Sept. 2008 - sept. 2011 **Software engineer (3 years)**, Ministry of justice in Luxembourg, Jucha.  
Development of an application managing lawsuits and police records. Interconnection with the european police records network.  
- Technical analysis  
- Client development (SWT, Jgoodies, architecture HMVC).  
- Development of a document generation system based on RTF.  
- Unit tests, Packaging and deployment  
- Environment : 3 analysts, 9 developers & 3 testers.  
- Maintenance of the application, debugging and migration from RAD7.0 to RAD7.5 and from EJB2 to EJB3. Use of JPA for the persistence layer.  
*EJB 3.0, JPA (OpenJPA), Java 6.0, java web start, Websphere 6.0 & 7.0, RAD7.5, JAX-WS, JUnit, Eclipse 3.4, OSGi, SWT, Freemarker, TDD, Scrum, IBM DB2, Maven 2, SVN, iText (PDF generation)*

## Infass Systèmes

- Nov. 2004 - sept. 2008 **Software engineer (4 years)**, Montgeron (Essone).  
Development of a J2EE platform and several software packages.  
Development of software packages for customers in the domain of insurance (Siaci), transport (Les Nouveaux Coursiers) & temporary work (Bref Services).  
System developments (user interface, persistence, administration tools) and business developments (reporting).  
Development of a scheduled tasks system.  
Maintenance and follow-up of customers demands and problems.  
*J2EE (EJB 2), JOnAS, DB2, Swing, JUnit, Java web start, Xslt, Apache Fop, Apache Ant, CVS.*

## **Technologies**

- Langages **Java / J2EE(EJB 3)**, Groovy, Scala, Javascript, Html, Css, C#, SQL, PL/SQL, Bash, XML, Python, Ada, Latex.
- Serveurs Glassfish, IBM Websphere 6.0 & 7.0, Tomcat, Apache Karaf, JOnAS.
- Base de données **Oracle database 11, PostgreSQL, IBM DB2v9**, Elasticsearch, SQL Server, MongoDB, Derby, MySQL.
- Framework, API **GWT 2.5.1, Grails, Play!, Node.js, Vaadin, JPA, Spring, Spring security, Spring Web Service**, JUnit, Mockito, dbUnit, OSGi, **Google Guava, jOOQ, Bean Validation JSR303, Args4J, Twitter Bootstrap, Foundation.**
- IDE & Outils **Eclipse, IntelliJ IDEA**, Netbeans, IBM RAD 7.5, Visual Studio, **Maven 2**, Ant, **JProfiler, Jenkins (Hudson), Sonar**, Gimp, ArgoUML, Jira, Confluence, SourceTree.
- Patterns **CQRS, Event Driven Programming.**
- Versioning **Git, Subversion, CVS, TFS.**
- Environnements **Unix / Linux (Ubuntu 8.10, Fedora 6, FreeBSD, Red hat enterprise, Mandrake)**, Mac OS X, Windows (XP, Vista, 7).

## Languages

- French **mother tongue.**
- English **read, written, spoken (TOEIC : 805 in 2003), 30 hours of english talks in 2010.**
- German **Beginner.**

## Education

- 2001–2004 **Master's degree in Computer sciences, Telecommunications and network., INSA, Toulouse.**
- 1999–2001 **Two-year highly selective classes to prepare for the competitive exams to the "Grandes Ecoles", Lycées Clémenceau/Roosevelt, Reims.**

## Training

- 2014 **Scrum master, ScrumAlliance, Certificate.**
- 2013 **Functional Programming Principles in Scala, sur Coursera.org, Certificate.**
- 2013 **3 days of training "Develop with PL/SQL", organized by Orsys.**
- 2011 **2 days of training "Introduction to bank and investment funds", organized by Get Training.**
- 2011 **3 days of training "Dojo Toolkit, Ajax/ RIA applications in JavaScript", organized by Orsys.**
- 2009 & 2010 **Devoxx, 3 days of conference, [www.devoxx.com](http://www.devoxx.com).**
- Since 2010 **Yajug, [www.yajug.org](http://www.yajug.org).**

## Personal projects

- Link Guardian (2013) **Rework in progress to deploy it on Amazon Cloud. Web application allowing to manage online url bookmarking and share links on twitter. Deployed on Red Hat's Openshift.**  
*Cloud, Grails, Groovy, Spring, Spring security, Twitter Bootstrap, Google URL Shortener service, JQuery, CSS3, Git.*
- G7 (2012) **Google Calendar Extended Tools : web application providing additional tools to your google's calendars.**  
*HTML5 (local storage), CSS3, JQuery, JQueryUI, Google Javascript APIs, Kendo UI, 960 grid, OAuth, Git.*
- Blackdog (2008) **Open source lightweight iTunes-like software.**  
*Java 6, Hibernate, Swing, SwingX, JUnit, Subversion, Log4j, Maven 2, SVN.*
- Awl (2008) **Open source Java API for the creation of graphical wizards in Swing.**

## Hobbies

Sport (badminton, jogging), music.