

## Professional experiences

### Intact lab (jan 2019 - now)

- Jan 2019 - now **Principal developer**, Client centre.  
Restructuring of Spring-boot / Node microservices, custom Jenkins pipeline.  
Suggestions and setup of technologies / methodologies (Typescript, Kotlin, test) and tools to help developers and testers do their day-to-day job (mock-server).  
Intact Lab price of innovation 2020.  
*Microservices, REST, Spring boot, NodeJS, ExpressJS, Openshift, MongoDB, Redis, Mountebank, GraphQL, Open-api, Kotlin, Typescript, Jenkins, Docker.*
- Mar. 2019 - apr. 2019 **Principal developer**, Rapid prototyping.  
Quick quote widget : Quarkus microservice.  
*Microservices, Quarkus, Eclipse MicroProfile, Kotlin, REST, Apiary.*

### Facilité - CGI (feb 2017 - jan. 2019)

- Feb 2017 - jan 2019 **Full stack software engineer**, National Bank of Canada.  
Development of Spring boot based microservices.  
Tooling Mountebank.  
*Microservices, REST, Spring boot, Openshift, MongoDB, NodeJS, ExpressJS, Mountebank, GraphQL, Swagger, Docker, ReactJS, Redux.*

### Neopixl a Smile group company (sept. 2015 - dec. 2016)

- June 2016 - Sept. 2016 **Mobile developer**.  
Development of an Android application for Total ACS.  
Manage new commands directly on races et support of offline mode.  
*Android, CouchDB(couchbase-lite android), Git, Sourcetree, Android studio.*
- Dec. 2015 - June 2016 **Frontend developer**.  
Development of the web application Living In Place for Tarkett.  
Development of the backend and of the Android application.  
Rework of the Angular application Care.  
*AngularJS, Grunt, Bower, Bootstrap, Spring boot, DynamoDB, Android, Apiary, REST, Git, Sourcetree, Android studio.*
- Apr. 2016 **Developer**.  
Documentation of a procedure to migrate a Parse application to a self hosted parse server.  
Development of a node module to migrate files stored on Amazon S3.  
*Parse server, MongoDB, node.js.*
- Sept. 2015 - dec. 2016 **Backend & Frontend developer**.  
Development of a monitoring solution for Tango REST API.  
*AngularJS, JHipster, Spring-boot, ChartJS, REST, Git, Sourcetree.*
- Frontend developer**.  
Development of a web application for CMG interacting with a Parse application.  
*Meteor, Parse, REST, Bootstrap, Git, confluence.*

## **Backend & Frontend developer.**

Maintenance of an inhouse application PushPixl managing notifications for smartphones.

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

## **Champ Cargosystems** (july 2014 - aug. 2015)

July 2014 - Aug. 2015 **Software engineer**, Open cargo platform.

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 - june 2014)

Sept. 2013 - **Team leader.**

June 2014 - As technical officer, monitoring technological developments and setting up a software industrialisation platform.

- 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.

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

## **CTG Luxembourg PSF** (sept. 2008 - aug. 2013)

April 2013 - **Team leader**, Administration 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**, 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**, 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**, 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 - **Software engineer**, internal project, Psymap.

June. 2012 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**, Ministry of foreign affairs in Luxembourg, Aeimm.

Maintenance and development of new functionalities of an application managing resident's permits.

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

- Sept. 2008 - **Software engineer**, Ministry of justice in Luxembourg, Jucha.  
 sept. 2011
- 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.
  - 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.
  - Setup of continuous integration tools (Hudson, Sonar).
- 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, SVN, iText (PDF generation)*

## **Infass Systèmes** (nov. 2004 - sept. 2008)

- Nov. 2004 - **Software engineer**, Montgeron (Essone).  
 sept. 2008
- 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).
  - 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**

Languages	<b>Java, Kotlin, Javascript, Typescript</b> , Html, Css, SQL, Bash, Groovy, Python, Scala, C#, PL/SQL, Ada, Latex.
Back-end	<b>Spring boot, Quarkus, Node.js, Eclipse Microprofile</b> , Grails, Play!, OSGi, J2EE, jHipster, <b>java</b> (Core, Logging, JPA, jOOQ, Args4j, etc..).
Front-end	<b>Vue.js, ReactJS, Redux</b> , AngularJS, Meteor, GWT, Struts 2, Spring MVC, JQuery, <b>Android</b> .
Databases	<b>PostgreSQL</b> , Mysql, <b>MongoDB</b> , Oracle database 11, IBM DB2v9, Microsoft SQL Server, Apache Derby, CouchDB.
UI	<b>Bootstrap, Foundation, Material design</b> , Kendo UI, <b>Responsive design, Sass</b> .
Quality	<b>JUnit, Mockito</b> , DbUnit, XmlUnit, Sonar, Jest, <b>Selenium, Nightwatch.js</b> , Arquillian.
Devops	<b>Microservices, Docker</b> , Kubernetes, <b>Google cloud function</b> , Tomcat, Glassfish, IBM Websphere 6.0 & 7.0, Apache Karaf, JOnAS, Nginx.
IDE	<b>IntelliJ IDEA, Webstorm</b> , Visual Studio, Eclipse, Sublime text, Netbeans, IBM RAD.
Versioning	<b>Git</b> , Subversion, CVS, TFS.
Operating systems	<b>Mac OS, Unix / Linux</b> (Ubuntu, Fedora, FreeBSD, Red hat enterprise, ..), Windows.
Tools	<b>Jira, Sourcetree, Confluence, Npm, Maven</b> , Grunt, Bower, Webpack, Ant, JProfiler, <b>Jenkins</b> (Hudson), Elasticsearch, <b>GraphQL</b> , Gimp, ArgoUML.

## **Languages**

French	<b>mother tongue.</b>
English	<b>read, written, spoken (TOEIC : 805 in 2003), 30 hours of english talks in 2010.</b>

## **Education**

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

## **Trainings & certifications**

2020	<b>KubeCon CloudNativeCon.</b>
2019	<b>Dawscon.</b>

- 2017 **Structuring Machine Learning Projects**, Coursera, [deeplearning.ai](https://deeplearning.ai), by Andrew Ng, [Certificate](#).
- 2017 **Improving Deep Neural Networks : Hyperparameter tuning, Regularization and Optimization**, Coursera, [deeplearning.ai](https://deeplearning.ai), by Andrew Ng, [Certificate](#).
- 2017 **Neural Networks and Deep Learning**, Coursera, [deeplearning.ai](https://deeplearning.ai), by Andrew Ng, [Certificate](#).
- 2014 **Scrum master**, ScrumAlliance, [Certificate](#).
- 2013 **Functional Programming Principles in Scala**, sur Coursera.org, [Certificate](#).
- 2013 **3 days "Develop with PL/SQL"**, organized by Orsys.
- 2011 **2 days "Introduction to bank and investment funds"**, organized by Get Training.
- 2011 **3 days "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 **Java User Groups**, [Yajug](#) and [Montreal JUG](#).

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## Personal projects

[https://bitbucket.org/alexis\\_\\_paris](https://bitbucket.org/alexis__paris) .

- Linkguardian **Manage bookmarks** and share links on twitter. *AngularJS, Jhipster, material design, Bootstrap, Spring (batch, data), Google cloud function, liquibase, Nginx, DevOps, nightwatch, CSS3, PostgreSQL, Git, VPS.* (2016)
- Personal website *HTML5, Javascript, CSS3, JQuery, Knockout.*
- Blackdog **Open source lightweight iTunes-like software.** (2008)  
*Java 6, Hibernate, Swing, SwingX, JUnit, Subversion, Log4j, Maven 2, SVN.*
- Awl **Open source Java API for the creation of graphical wizards in Swing.** (2008)

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## Hobbies

Sport  
do-it-yourself