Developer

 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 - June 2014	**Team leader**.
	- 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 - Aug. 2013	**Team leader**, Administration des contributions directes au Luxembourg, Direch.
	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 - Sept. 2012	**Software architect**, CTIE.
	Architecture of a generic web solution used as standards for future CTIE's projects :
	- Functional tests based on Arquilian
	- 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 differents social networks **Twitter, Facebook & LinkedIn**.
	***JQuery mobile, JSONP**, HTML, CSS, Javascript, JQuery, Git.*

Oct. 2011 - June. 2012	**Software engineer**, 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**, 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 - sept. 2011	**Software engineer**, 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. - 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 - sept. 2008	**Software engineer**, Montgeron (Essone). - Develoment of a J2EE platform and several sofware 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, persistance, 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	**Java**, **Kotlin**, **Javascript**, **Typescript**, Html, Css, SQL, Bash, Groovy, Python, Scala, C#, PL/SQL, Ada, Latex.
Back-end	**Spring boot**, **Quarkus**, **Node.js**, **Eclipse Microprofile**, Grails, Play !, OSGi, J2EE, jHipster, **java** (Core, Logging, JPA, jOOQ, Args4j, etc..).
Front-end	**Vue.js**, **ReactJS**, **Redux**, AngularJS, Meteor, GWT, Struts 2, Spring MVC, JQuery, **Android**.
Databases	**PostgreSQL**, Mysql, **MongoDB**, Oracle database 11, IBM DB2v9, Microsoft SQL Server, Apache Derby, CouchDB.
UI	**Bootstrap**, **Foundation**, **Material design**, Kendo UI, **Responsive design**, **Sass**.
Quality	**JUnit**, **Mockito**, DbUnit, XmlUnit, Sonar, Jest, **Selenium**, **Nightwatch.js**, Arquillian.
Devops	**Microservices**, **Docker**, Kubernetes, **Google cloud function**, Tomcat, Glassfish, IBM Websphere 6.0 & 7.0, Apache Karaf, JOnAS, Nginx.
IDE	**IntelliJ IDEA**, **Webstorm**, Visual Studio, Eclipse, Sublime text, Netbeans, IBM RAD.
Versioning	**Git**, Subversion, CVS, TFS.
Operating systems	**Mac OS**, **Unix / Linux** (Ubuntu, Fedora, FreeBSD, Red hat enterprise, ..), Windows.
Tools	**Jira**, **Sourcetree**, **Confluence**, **Npm**, **Maven**, Grunt, Bower, Webpack, Ant, JProfiler, **Jenkins** (Hudson), Elasticsearch, **GraphQL**, Gimp, ArgoUML.

Languages

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

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.

Trainings & certifications

2020	**KubeCon CloudNativeCon.**
2019	**Dawscon.**

2017	**Structuring Machine Learning Projects**, *Coursera, deeplearning.ai, by Andrew Ng*, Certificate.
2017	**Improving Deep Neural Networks : Hyperparameter tuning, Regularization and Optimization**, *Coursera, deeplearning.ai, by Andrew Ng*, Certificate.
2017	**Neural Networks and Deep Learning**, *Coursera, 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 founds"**, *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.
Since 2010	**Java User Groups**, Yajug and Montreal JUG.

Personal projects

https://bitbucket.org/alexis_paris .

Linkguardian (2016)	**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.*
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

do-it-yourself