

Alexis Paris

Software Architect & Developer

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34 years old, french, civil union, 2 children.



Professional experiences

Champ Cargosystems

Since july. 2014

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 -

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. et 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 et 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 differents social networks **Twitter, Facebook et 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. et 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 developpers et 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 et java web start, Websphere 6.0 et 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) et temporary work (Bref Services).
System developments (user interface, persistance, 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

- Languages **Java / J2EE(EJB 3)**, Groovy, Scala, Javascript, Html, Css, C#, SQL, PL/SQL, Bash, XML, Python, Ada, Latex.
- Servers Glassfish, IBM Websphere 6.0 et 7.0, Tomcat, Apache Karaf, JOnAS.
- Databases **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 & Tools **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.
- Environments **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 et 2010 **Devoxx**, *3 days of conference*, www.devoxx.com.
- Since 2010 **Yajug**, 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) www.blackdog-project.org/g7 : **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.
- Personal website www.blackdog-project.org.
HTML5, Javascript, CSS3, JQuery, Knockout.
- Blackdog (2008) http://www.blackdog-project.org/blackdog/ : Open source lightweight iTunes-like software.
Java 6, Hibernate, Swing, SwingX, JUnit, Subversion, Log4j, Maven 2, SVN.
- Awl (2008) awl-wizard.sourceforge.net : Open source Java API for the creation of graphical wizards in Swing.

Hobbies

Sport (badminton, jogging), music.