

# Gaëtan Le Brun

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## EXPERIENCE

4/11-2/15 **Java Software Engineer, Oxiane Group, Paris, France**

- Lead developer on 2 projects for Cofiroute (highway company).
- Involved in the design of a message broker for a new electronic toll collection system which operates 12% of the French highway infrastructure.
- Designed and developed EJB 3.1 applications using Java EE, WebLogic 12c and TimesTen 12c.
- Architected a web application to monitor the daily toll equipment transactions (338,000) using Spring and ExtJS.
- Developed a web application to visualize a Paris ring road toll equipment using Spring and ExtJS.
- Setup development environment infrastructure to facilitate unit testing and integration testing.
- Improving code quality with Jenkins and Sonar.

3/08-4/11 **Junior Smalltalk & Java Software Engineer, Ausy, Paris, France**

- Designed and developed new GUI-based VisualWorks Smalltalk applications for managing healthcare and pension insurance contracts.
- Improved data loading performance from a DB2 database; reduced the loading time by 80% for the oldest contracts.
- Developed a web application for rendering pension insurance contract data using Wicket and iText.
- Wrote a micro framework based on iText to easily render a pension insurance contract in PDF format.
- Programmed Java Batches to update bank data and postal data.

9/06-3/08 **Junior Smalltalk Software Engineer, Capgemini Ouest, Nantes, France**

- Developed new VisualWorks Smalltalk applications for managing casualty and property insurance contracts.
- Analyzed and improved performance of Smalltalk batches, and wrote server-side Smalltalk web services.

2/06-9/06 **Intern (Software Engineer), Capgemini Telecom & Media, Rennes, France**

- Involved in the evolution of a Geographic Information System for a mobile company.
- Implemented custom C functions used by ArcGIS Software to visualize mobile data on maps.

## TECHNICAL SKILLS

	Languages & Technologies	Development tools	Frameworks & Libraries	Databases platform	Methodologies & Design
<i>Proficient</i>	Java (JSE, JEE), Smalltalk, JavaScript, SQL, XML, XSLT, Servlets, EJB, JNDI, JMS	IntelliJ, VisualWorks, Maven, SVN, Git, Jenkins, Sonar, PMD, FindBugs, CheckStyle, JaCoCo	Spring (3.0, 4.1), JUnit, Mockito, MyBatis, ExtJS (4.2.2), Logback, iText	Oracle 11g, TimesTen 12c, HSQLDB	SDLC, OOAD, TDD, GoF Design Patterns, UML
<i>Familiar with</i>	HTML, XHTML, CSS, DOM, JSP, PL/SQL, LaTeX	Eclipse, Ant, JMeter, Vagrant, Visual Box	Guava, Joda-Time, Apache commons	MySQL, SQL Server	AJAX, Fonctionnal programming
<i>Exposure to</i>	Scala, Python	Docker, Node.js	AngularJS	Cassandra, MongoDB, CouchDB	SCRUM

**Application servers & Systems** : Tomcat 8, WebLogic 12c, Linux, Windows 7, Mac OS X

## EDUCATION

Master, 2nd year (MS), Software engineering, University of Rennes, France, 2005-2006

Master, 1st year, Software Engineering, University of Brest, France, 2004-2005

Licence (BS), Computer Sciences, University of Brest, France, 2003-2004

Technology University Degree (AAS), Computer Sciences, University of Nantes, France, 2001-2003

## LANGUAGES

French: native speaker, English: professional working proficiency, Spanish: conversational