

# 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 (12% of the French highway infrastructure).
- Involved in the design of a message broker for the new electronic toll collection system.
- Designed and developed EJB 3.1 applications using Java EE, WebLogic 12c and TimesTen 12c.
- Involved in the design of an new application to verify the completion of the toll equipment transactions.
- Designed and developed a web application to visualize missing transactions using Spring, MyBatis and ExtJS MVC.
- Architected a new 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 applications for managing healthcare and pension insurance contracts.
- Dynamic Object-Oriented Programming using Smalltalk and Cincom VisualWorks.
- Improved data loading performance from a DB2 database; reduced the loading time by 80% for the oldest contracts.
- Developed a new web application for rendering pension insurance contract data using Java, 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

- Maintained and improved VisualWorks Smalltalk applications managing casualty and property insurance contracts.
- Analyzed and improved performance of Smalltalk batches
- Wrote XML Web Services using Smalltalk.

### 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, L <sup>A</sup> T <sub>E</sub> X	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

2005-2006	Master, 2nd year (MS), Software engineering, University of Rennes, France
2004-2005	Master, 1st year, Software Engineering, University of Brest, France
2003-2004	Licence (BS), Computer Sciences, University of Brest, France
2001-2003	Technology University Degree (AAS), Computer Sciences, University of Nantes, France

## Languages

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