

Alexandre GENELLE – Java/JEE web application designer and developer

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Birth date: July 15, 1982 – 31 years old
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PROFESSIONAL OBJECTIVE

I am interested in pursuing my career in web applications projects. My main objective is to enhance my skills, to acquire enough knowledge to become a JEE expert. I will then participate in several projects and I will be able to provide the development teams a detailed analysis and technical advises.

After a couple of years, I will be ready to lead developers to make the right choices and take the most appropriate technical orientations. This position will require both technical and team management skills.

SUMMARY - BACKGROUND

10 years professional experience designing and developing web applications, from small Intranet environments to highly visited Internet sites.

- Significant and active participation in every step of the projects: from the functional analysis (defining the customer's needs, writing functional specifications) to the technical part (development, tests and delivery).
- Training 2 Indian developers on the technical part of the project
- Advanced technical skills : Weblogic application server deployed in UNIX environment, Rich HTML client (Ajax, Javascript, JSON, JQuery), Oracle large database

SKILLS

Programming: Java, Struts, JSP, C, HTML, JavaScript, JQuery, CSS, SQL, some C++
Frameworks: JEE, Struts, JUnit
Databases: Oracle 11g
Application Server: Weblogic 11g, JBoss 3, Websphere 5
Version control: Clearcase, SVN, GIT
Operating system: Windows 2000, XP, 7, UNIX, Linux (user)
Modeling language: UML
Tools: Eclipse, Oracle NetBeans, MS Office, HP Quality Center

EDUCATION - LANGUAGES

Master's degree: EFREI, 2004

This French master's degree is accredited by the "Commission des Titres d'Ingénieur" (CTI), the only French engineering accrediting organization. It is specialized in IT and includes high-level theoretical teaching.

Languages: French and fluent English

WORK EXPERIENCE

October 2010 - October 2013

Société Générale (French bank) – Fontenay Sous Bois (France)

Web application developer

The Internet web site of Société Générale is divided in 3 parts: one for the small businesses, one for the large companies and one for the individual customers. Within the latter, I was in charge of maintaining 2 applications:

- Online home and car insurance quote
- Consumer credit

My main responsibilities were:

- Design and development of a web application used for home and car insurance quotes. This application is used by the customers of Société Générale.
- Technical design : UML schemes, specifications of the data exchanged
- Analyze the security concerns
- Work in a multi-layer architecture within the customers portal of Société Générale : one layer for security controls and authentication, the second layer for the page layout (marketing, menus...), the third layer containing the “business” part.
- Develop a rich client (Ajax, jQuery)
- Define the interactions with Sogessur’s information system (the insurance subsidiary of Société Générale) via SOAP Web services.
- Packaging the software deliveries
- Write the technical specifications
- Supervise the deliveries in acceptance and production
- Migrate from Weblogic 9 to Weblogic 11 and from Solaris to Linux Red Hat

Technical environment:

- Java 6
- Struts 1.1, JavaScript, jQuery
- Weblogic 11g, Linux Red Hat, web browsers : Internet Explorer, FireFox, Chrome
- Database : Oracle 10g
- Tools : Eclipse, ClearCase, HP Quality Center

December 2007 - October 2010 **RENAULT** (French vehicle manufacturer) – Clamart (France)

IT Consultant – DIP project

The DIP project is an Intranet application designed for the accounting managers of Renault's European subsidiaries. Its aim is to provide financial data and parameters grids for the VAER (sales with re acquisition engagement) activity. The principle is the following: Renault sells vehicles to rental companies for a specified duration (2 years for example) and after this period, the company re-acquires this fleet to put it into the used cars market.

During those 3 years, I got involved in many different phases of the project:

- maintenance activity
- design and development of some functional improvements:
 - o creation of new GUI components (JSP / Servlets)
 - o updating the financial reporting extraction tool to meet the IFRS (International Financial Reporting Standards) involving advanced and complex SQL queries
- training 2 Indian developers and supervising their work
- understanding the needs of the financial direction and defining a set of functional evolutions
- Assigning development tasks to the Indian team and supervising their work
- Packaging the software components and supervising the deliveries in the different environments (acceptance / validation, production)

Technical environment:

Java (JDK 1.4), IBM WSAD, JSP, Servlets, SQL, Websphere application server, SVN (source control), database: Oracle 10g, HP Quality Center

November 2006 - December 2007 **RENAULT** (French vehicle manufacturer) – Clamart (France)

Java Developer – Swing and MQ Series – Dialogys project

The Dialogys project is a heavy Java client (developed with the Swing API) designed for mechanics and car dealers in order to:

- help them identify technical mechanic issues
- provide them technical documentation about car pieces

I had two main responsibilities:

- maintaining the software and fixing defects
- developing a new application during the IMP (Internet Migration Process)

- o At this time, the technical documentation was periodically delivered to the users on CD-ROM. The IMP project replaced the CD-ROM with a new communication protocol in order to send the documentation through the Internet.
- o As a part of this project, I developed a message flow (using MQ messages) with an input queue (the client request), processing nodes including database queries to retrieve binary PDF documents (written in ESQL) and an output queue (the XML response to the client).

Technical environment:

Java (JDK 1.4), SQL, ESQL, Websphere Message Broker Toolkit, Clearcase, database: Oracle 10g, HP Quality Center

March 2005 - November 2006 **French Customs – Massy (France)**

Java web developer – NSTI and ECS project

Those projects are 2 web applications used by the French customs officers nationwide.

NSTI helps them to track goods moving from an office to another.

ECS provides information about the goods to the customs officers and allows them to manage the status of an export process. It introduces a workflow involving several control steps prior to the authorization to leave the country.

This was my first professional experience in a JEE project.

I was in charge of developing the application layer of the architecture, including:

- Developing EJB session beans and DAO (data access object) classes containing SQL queries
- Performing unit test
- Writing technical specifications
- Migrating from Weblogic to JBoss

I was also responsible of the architecture of the ECS project. I defined the different layers: presentation (Struts, JSP), business (EJB session beans, business delegates), DAO (querying the database). I created the application's main classes and methods, and commented each component.

Technical environment:

Java (JDK 1.4), SQL, Weblogic 8, JBoss 3, CVS (source control), Quality center, UNIX, database: Oracle 9