Colin Hebert

Curriculum Vitæ

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Born 3rd August, 1988 - French
CV last updated 8th April, 2011

Experience

October 2010 - Current

Java/JEE/Spring developer, *Zenika*, Paris, France.
- Working with Spring technologies:
  - Spring IOC, Spring AOP, Spring DAO
  - Studied an AMQP broker, RabbitMQ and published blog posts on its administration and usage: Blog Zenika AMQP (fr)
- Participated in the USI challenge: Octo - Challenge USI 2011
  - Created an application able to handle the load of one million users simultaneously connected, and a total population of one billion users.
  - The application uses long polling and a data-grid and is based on the Spring-Source/VMware vFabric stack.
- Participated in the DORM european project:
  - Integration of CUDF system to handle dependencies solving conflicts.
  - Creation of a metadata format adapted to dependency management.
  - Establishing a mirroring structure between repositories in a star network.

September 2008 - Current

Supinfo Sun Certified Trainer, *SUPINFO - The International Institute of Information Technology*, France.
Teaching Java/JEE to MSc IT students (up to 80 students during a lecture).
- Training second year students for SCJA and SCJP certifications:
  - First steps in Java - IDE, Tools, Object Oriented Programming, Design patterns
  - Java SE - Syntax, Collection, Generics, Threads, I/O, Sockets, JDBC, Swing, Look and Feel
- Training third year students for SCWCD and SCMAD certifications:
  - Java and the web - Tomcat, Servlets, JSP, JSTL, Struts 1.2
  - Java Mobile - Java ME principles, CLDC, MIDP
- Training forth year students for the SCBCD certification:
  - Service oriented architectures - JEE, Web services, ORM, JPA, Glassfish, JMS
  - Web applications - JSF, Richfaces, Facelets

July 2009 - October 2010

Java/JEE Developer, *Bull SAS*, Marseille, France.
City of Marseilles' project - Integration of a unified financial management solution for the city of Marseilles *(4 months)*
- Studying and establishing a unique authentication system across different components of the solution.
  - Set up a Central Authentication Service server (CAS, Jasig)
  - Create a customized connector to LDAP and a MySQL database
  - Install the connection system on GateIn (Exo), Alfresco and Coriolis (Bull)

Lefebvre's project - Developing a platform for member management of Congés Spectacles *(1 year and 4 months)*
- Creating and integrating an additional module to OpenIris Finance (Lefebvre Software) to add management of members, their contribution and their holidays.
  - Application conception - UML with Enterprise Architect (Sparx Systems)
  - Business and views layers - EJB & Hibernate, JSP & Struts
  - Build and deployment processes - Ant & Ivy

Computer skills

Languages	Java, Groovy, C/C++, PHP, XML, xHTML/CSS, LaTeX	Architecture & frameworks	Spring, JEE, Hibernate, JUnit, Swing, JME (Midlets)
Web technologies	Servlet/JSP, JSF/Facelets, Rich-Faces, Struts (1&2), JavaScript/Ajax	Databases	MySQL, PostgreSQL, Oracle, Derby, SQLite
Application servers	Apache Tomcat, Glassfish, JBoss AS	IDEs	IntelliJ IDEA, Netbeans, Eclipse
Collaborative tools	Git, Maven, SVN, Ant, Ivy, JIRA, Mantis	Operating systems	Mac OS, Linux (client/server), Windows

Certifications

Sun Certified Java Programmer (SCJP 6.0)

Sun Certified Web Component Developer (SCWCD 5.0)

Sun Certified Specialist for Netbeans IDE

Education

2006-2011 (expected)	**MSc in Information Technology**, *SUPINFO - The International Institute of Information Technology*, France. Specialized in programming languages and development.
2003-2006	**Baccalauréat Scientifique**, *Lycée Pierre Mendes France*, Vitrolles, France. Specialized in Engineering Sciences with mathematics option

Languages

English	**Professional working proficiency**	*Reading, speaking and writing*
French	**Native**	*Reading, speaking and writing*
Spanish	**Elementary proficiency**	*Reading and speaking*