

Sébastien SCHAEFFLER

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Senior software engineer

Java Full Stack, Web, Mobile (iOS, Android)

Professional Activities & Projects

Since June 2007
(9 years)

Senior Software Engineer: Java Full Stack, Mobile and Web development.
Clearstream Services, Deutsche Boerse Group.

Clearstream Xact Portal, Clearstream Xact Mobile, Clearstream corporate UI

I am currently working on Clearstream Xact mobile platform within the scope of Deutsche Boerse Group agility initiative started in October 2015: back-end systems and Android version are in production since February 2016, iOS version is on going. I have also been working for a few months on Clearstream Xact Portal to integrate transversal services (monitoring tools, alerts, reporting): <http://xact.clearstream.com>
I also co-founded and worked for a few years on the corporate graphical user interface framework used as basis for every internal and external applications for Clearstream Services (Luxembourg) and Deutsche Boerse (Germany).

My main roles:

Architecture and development of the new Clearstream Xact Mobile platform:

- Mobile app for internal operators and external customers to receive their business alerts in real time
- Business Monitoring: scheduling of users own queries and alerts framework.
- New back end for mobile application: REST services and user access control.
- Setup and configuration of a dedicated SSL web server secured by a one time password and same credentials as Clearstream Xact Portal.
- User friendly connection via QR Code scanning.

Technical leader (3 people in the team) for the Corporate UI Framework:

- Architecture and technical design
- Implementation, users support and maintenance

Main technical skills and methodology:

JavaEE7, Mobile (Android, iOS), HTML, Javascript, Maven, Ant, Gradle, JBoss AS, Git, Clearcase, Agile (SCRUM).

Contacts: Clive Cherry (Clearstream IT Consulting Head of Department).

- November 2005** Software Engineer Consultant for Clearstream, Clearing and Settlement. Logos Inc.
June 2007 My role: Specifications and design of the User Interface Framework and Web Application.
(1 year, 7 months) Technical skills: JavaEE6, Servlets, JSF, JSP, AJAX, Tomcat, Weblogic, XML, Oracle, Clearcase, Eclipse.
- April 2002** Software Engineer Consultant for GAX S.A, Société Européenne des Satellites (SES)
November 2005 ASTRA à Betzdorf, Luxembourg (<http://www.ses-astra.com>).
(3 years et 7 months) My role: Integration of multimedia services "Sat@Once", incl. automatic transmission of user preferences and votes. Database administration System and Network monitoring.
Technical skills: Java, Visual C++ .NET, PERL, Apache/MySQL, HTML, Javascript, CVS, UML.

EDUCATION

- 2002** Master in Computer Science. Institut Supérieur d'Informatique et d'Automatique de Lorraine - Université Henri Poincaré de Nancy (54-France).
Ranked first. « Software Engineering, Database, Artificial Intelligence ».

TECHNICAL SKILLS

- Programming**
- Java: JavaEE 7/8, JSF, JPA (Hibernate)
 - Mobile: iOS (Swift), Android, ionic, React native
 - Web: HTML, CSS, Javascript, JQuery, XML, NodeJS, React
 - Application servers: JBoss, Weblogic, Glassfish, Tomcat.
- Tools** Git, Clearcase, Jira, Confluence, Wiki, Maven, Gradle, Ant, Docker, Jenkins
- Database** Oracle, Sybase, MySQL, DBase, Access.
- Patterns/Model** Agile (SCRUM), ML: MS-Visio, WinDesign, RationalRose.
- Network** TCP/IP, RPC, RMI, Sockets, CORBA.
- OS** WindowsXP/2000/8x/NT, MacOSX, RedHat, Android, iOS.

LANGUAGES

- English** Fluent in working environment. CEFR level C2, advanced.
- French** Mother tongue
- German** Fair knowledge

MISCELLANEOUS

- Sports** Tennis, rollerblade, biking, hiking
- Hobbies** Cinema, reading, new technologies, Loki my dog
- Others** Car licence and car.