

# ALEXIS DETRIE

IT Solution Architect - Java developer

<https://staaack.io>



## SYNTHESIS

IT Solution Architect Java  
Analyst Java developer

5 years  
7 years



## WORK EXPERIENCES

### Architect Java and Java developer - staaack

*December 2022 - Present*

European Committee of the Regions | *May 2023 - Present*

- Java/JEE, Spring/Spring Boot, Struts, Angular, Oracle DB, IntelliJ.
- Business creation
- Obtaining of certifications (Azure and AWS).
- Development of the website of staaack using NextJS and React.

### Java back-end developer - Banque Degroof Petercam Luxembourg

Permanent | *August 2021 - November 2022*

- Java 11, Spring Boot, Talend, Flex, Linux.

### IT Solution Architect - PricewaterhouseCoopers Luxembourg

*September 2016 - August 2021*

- Java framework creation based on Spring/Spring Boot.
- Guidelines and application migration from WebSphere 8 to 9.
- Guidelines and application migration on Maven.
- Guidelines and application migration on TFS/Azure DevOps.
- SSDLC implementation on Java projects.
- Migration from Oracle to Azul JVM.
- Setting up « moderns » authentication (OAuth 2 / SAML).
- Setting up Kubernetes / Docker for Java applications.
- PwC Java community animator (Luxembourg).
- Support / Trainer / Facilitator.

### Java developer - PricewaterhouseCoopers Luxembourg

*May 2015 - September 2016*

- Java/JEE, Eclipse (RAD), WebSphere 8, Oracle DB, EJB2, EJB 3, Hibernate, Struts 2, Tiles, SOAP, REST, jQuery, LuxTrust compatibility.

### Java back-end developer - CTG Luxembourg

Spuerkeess | *July 2014 - May 2015*

- Java/JEE, Eclipse (RAD), WebSphere 8, DB2, CICS, ANT, CVS, SOAP.

Chambre de Commerce Luxembourg | *August 2013 - May 2015*

- JEE 6, EJB 3.1, GlassFish, Oracle DB, Primefaces/JSF, Maven, Git.

Permanent | *August 2013 - May 2015*

- JEE 6, EJB 3.1, GlassFish, MySQL, Primefaces/JSF, Maven, Git.

### Java back-end and mobile developer - Neopixl Luxembourg

PushPixl | *January 2013 - July 2013*

- Push notification, SAAS, Tomcat, Spring, REST, MySQL, Hibernate, junit, Jenkins, Maven, Git, Eclipse, MacOS.

Wort | *January 2013 - July 2013*

- Push notification, Android, Maven, Git, Eclipse, MacOS.

Forem (BE) | *January 2013 - July 2013*

Android development trainer.

### Java back-end developer - Capgemini Sogeti Luxembourg

Adem | *October 2011 - January 2013*

- JEE, Mainframe IBM, CTIE, JEE6, OpenJPA, EJB 3, Struts, HTML, jQuery, junit, Sélénium, Jenkins, WebSphere 8, DB2.

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Luxembourg

Driving licenses. A & B

Nationality: French

## SKILLS

Java, JEE, Spring,  
Spring Boot, React  
REST, SOAP  
IntelliJ, Eclipse  
Maven, ANT  
GIT, SVN, CVS  
Azure DevOps, TFS,  
CI/CD  
Docker, Kubernetes,  
PKS, Harbor  
OAuth 2, SAML  
SSDLC, Dependency-  
check, SonarQube,  
Veracode, Nexus  
WebSphere, Tomcat,  
Glassfish  
Oracle, SQL Server,  
MySQL, DB2  
Android, MacOS,  
Windows

## INTERESTS

Ecology, domotic,  
conferences (YaJug,  
Devoxx, Apple...),  
personal projects (Hp  
webOs, Samsung  
SmartTV, Bada,  
Android), motorbike.

## LANGUAGE

French - native speaker  
English - TOEIC 700

# EXPERIENCES

## Architect Java and Java developer - [staaack](#)

European Committee of the Regions | *May 2023 - Present*

- Development and maintenance of a solution to organize tasks performed by users for the CoR and EESC committees (European institutions).
  - JBoss and Tomcat for application deployment.
  - Hibernate as ORM with Oracle Database.
  - Integrated Spring Beans and EJB 2.
  - Implementation of front-end features using Angular and Struts.
- As a proxy architect, I assist lead architects in establishing best practices and guidelines for committee teams.

staaack | *December 2022 - Present*

- Business creation (SARL-S).
- Earning of fundamental certifications in Azure and AWS cloud services.
- Development staaack's landing page using NextJS, React, and Tailwind (<https://staaack.io>).

## Java back-end developer - [Banque Degroef Petercam Luxembourg](#)

Permanent | *August 2021 - November 2022*

- Spring Boot implementation in Luxembourg.
- Bug fixing and add functionalities on a contract management application for the Insurance team.
- Linux administration.
- Migration of Talend ESB from 6.5 to version 7.3.

## IT Solution Architect - [PricewaterhouseCoopers Luxembourg](#)

Permanent IT Architecture service - *September 2016 - August 2021*

As an IT solution Architect specialized in Java technologies, I must deal with various roles and responsibilities Framework.

- Creation of an enterprise framework based on Spring Boot with an external consultant. This framework relies on Spring Boot starter to simplify integration with services provided by PwC world (authentication, Swagger, encryption...).
- Migration
  - Replacement of Eclipse with IntelliJ IDEA.
  - Maven integration in all Java projects (HOW-TO guides, advices, follow up).
  - WebSphere 8 migration to WebSphere (HOW-TO guides, advices, follow up).
  - Oracle JVM migration to Azul JVM (advices, follow up).
- DevOps
  - PoC on Kubernetes (thought PKS, VMware product), Docker and Helm.
- SSDLC
  - Provide best practices concerning security attention in PwC Luxembourg applications.
  - Setting up dependency-check, Veracode, SonarQube.
- Authentication
  - Creation of Spring Boot starter to handle OAuth 2 flows (Microsoft ADFS and ForgeRock OpenAM).
  - Integration of pac4j with SAML 2 authentication in an old application based on JEE 6.
- Project Manager on multiple projects.
- Support
  - Development team, trainer, facilitator.
- Animation
  - Animation of Java community at PwC Luxembourg.

## Java developer - [PricewaterhouseCoopers Luxembourg](#)

Permanent at IT Tax service - *May 2015 - September 2016*

- Development and maintenance of a solution to produce annual accounts consistently with all Luxembourg legal and regulatory requirements.
  - Application in JEE 6 on WebSphere 8
  - Hibernate as ORM with Oracle Database
  - EJB 2 and EJB3

## Java back-end developer - [CTG Luxembourg](#)

Spuerkeess | *July 2014 - May 2015*

- Development and maintenance of the Spuerkeess (BCEE) web banking application.
  - CICS connector to COBOL programs
  - WebSphere Application Server
  - ANT as dependencies manager and CVS as versioning tool
  - Create SOAP WebServices for the new BCEE mobile application.

#### Internal | August 2013 - May 2015

- Development and maintenance of a web application to produce reports.
  - Application in JEE 6 on Glassfish with EJB 3.1
  - Database modelization for MySQL
  - Front end on JSF/Primefaces
  - CSV parser
  - Maven and Git

#### Chambre de commerce | August 2013 - May 2015

- Development and maintenance of an application involved in the management of Luxembourgish Chamber of Commerce
  - Application in JEE 6 on Glassfish with EJB 3.1
  - Database on Oracle
  - Front end on JSF/Primefaces
  - Maven and Git

#### **Java back end and mobile developer - Neopixl Luxembourg**

##### PushPixl | January 2013 - July 2013

- Development of a server application to send push notifications (iOS, Android)
  - Development of an application to send push notifications.
  - SAAS application based on Tomcat.
  - Develop services with Spring.
  - Database modelization for MySQL
  - junit test generation
  - Continuous integration with Jenkins
  - Maven, Git, Eclipse, MacOS

##### Wort | January 2013 - July 2013

- Android mobile application developer
  - Development of an Android application to read articles for Wort newspaper.
  - Application available on Google Play Store: <http://goo.gl/HpNbj>
  - Use of AdMob framework
  - Use of List Adapter
  - Management of push notifications
  - Multilingual application, personal space and favorite section
  - Design integration (graphical constraints)

##### Forem (BE) | January 2013 - July 2013

- Training on Android for beginners
  - I had to train people on Android development for three days. This training was organized in Technifutur, training center for enterprises in Liège (Belgium)

#### **Java back-end developer - Capgemini Sogeti Luxembourg**

##### Adem | October 2011 - January 2013

- Development of an JEE application for Adem (Agence pour le développement de l'emploi)
  - Development of a JEE application to manage services at Adem. The application was developed with 4 others developers.
  - Mainframe IBM Environment
  - Use service provided by CTIE
  - Backend technologies: MVC pattern, Struts, DAO with OpenJPA, EJB 3.0
  - Front-end technologies: HTML, CSS, JavaScript (jQuery)
  - Unit testing with junit, automation test with Selenium
  - Jenkins was used as Continuous Integration platform.
  - IBM WebSphere as application server and DB2 as database server

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## EDUCATION

#### **Supinfo Metz**

Engineering school (BAC +5) | 2009 - 2011

#### **eXia.cesi Nancy**

Responsible in software engineering (BAC +4) | 2007 - 2009

#### **BTS informatique de gestion**

Option software developer (BAC +2) | 2005 - 2007