



Gonçalo Rodrigues

Consultant IT

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PROFILE

Working in the software field for more than fifteen years, my areas of expertise are business analysis, software architecture and development. In recent years, I also specialized in designing user interfaces focused on user experience (certified UX-PM2) and using state-of-the-art technologies.

My technical skills are solid and cover all aspects of the software lifecycle, such as: Java technologies, Service-oriented architectures, Web application frontends, development tools and processes.

As a pragmatic and reliable person, I like to find tangible and concrete solutions to problems. I am result-oriented and eager to provide high quality and value-added service. I enjoy working in a team or autonomously.

KEY SKILLS

Analysis	I manage to get a fast overview of the situation while remaining attentive to detail.
Development	Passionate about this discipline, I've been developing in Java for fifteen years.
Consulting	I have active listening skills and I am easy to get in touch with.
Communication	I have strong oral and written communication skills. I am able to explain complex issues simply.

TECHNICAL SKILLS

Languages	Java/JEE, TypeScript, JavaScript, HTML, CSS, XML, XSD, XSLT
Frameworks/APIs	Spring Boot, EJB, JPA/Hibernate, JUnit, SOAP/WSDL, REST, JMS, ActiveMQ, Node.js, Vue.js, Angular, Ext JS, GWT, Swing, Servlet, JSP, JSF/IceFaces, Portlets
Tools	IntelliJ, VS Code, SublimeText, Eclipse, Git, SVN, Maven, npm, Nexus, Docker, Jenkins, SonarQube, Jira, Balsamiq Mockups, Strapi, Hyperledger
Databases	Oracle, MySQL, PostgreSQL, MS SQL Server
Application servers	Apache Tomcat, JBoss EAP
Portal	Liferay
ECM	Alfresco
Methods	Kanban, Scrum, HERMES (Foundation certification)
Platforms	MS Windows, Mac OS X, GNU/Linux

EXPERIENCE

Since 03.2012

Freelance Software Consultant

Providing advice and technical assistance in software development projects: business analysis, architecture, development, tools and processes.

Visibilis – Groupe St-Paul, Fribourg

Since 11.2020

Role: Software Architect

Analysis, architecture and development of an editorial system, based on the headless CMS Strapi, allowing the planning, creation and distribution of content on the group's digital platforms and newspapers.

Technologies: Strapi, Node.js, Vue.js, Git, npm, PostgreSQL, REST

QUID4 – SITel, État de Fribourg

Since 01.2019

Role: Software Architect

Architecture and development of the user interface and stewardship platform of the master data of the canton.

Technologies: Java, Spring Boot, JPA/Hibernate, Angular, REST, JUnit, Git, Maven, npm, Tomcat, SQLServer

UX Consulting – Retraites Populaires, Lausanne

Since 01.2019

Role: UX Specialist

Consulting and screen wireframing for new platforms and business applications: employer portal, online form for insurance prospects, a solution for their brokers...

Audit – SITel, État de Fribourg

03 – 09.2018

Role: Software Architect

Audit of the business applications of the Service Cantonal des Contributions (tax department) of Fribourg with the aim of highlighting the points of improvement in order to ensure their good functioning and their maintainability.

Retraites Populaires, Lausanne

06.2016 – 12.2019

Role: Software Engineer

Migration of the back-office applications to Java 8, CXF 3 and Spring 4.

- Migration of the back-office applications to Java 8, CXF 3 and Spring 4.
- Provided technical assistance in the maintenance of 2nd and 3rd « pilar » business applications.
- Development of the user interfaces with the Ext JS framework for the following applications: Tandem, Titles and Document production settings console.
- Implementation of the externalization of the configuration of all the applications.

Technologies: Java 8, Spring, CXF, Maven, JBoss EAP

E-Services Platform – OCAS, Geneva

06 – 12.2015

Role: Software Architect

Architecture design and development support of the online services portal of the Office cantonal des assurances sociales (Geneva social insurance institution).

Technologies: Java EE 6, JPA/Hibernate, Dojo, EJB, REST, SOAP, PostgreSQL, Git, Maven, Grunt, Geb, Spock, Intern, Vagrant, Ansible

PPER – Conférence intercantonale de l'Instruction Publique, Neuchâtel

01.2013 – 11.2017

Role: Software Engineer

Providing technical assistance in the maintenance of the Swiss interstate community teachers' collaboration portal.

Technologies: Java, Portlets, Spring, Hibernate, SOAP, Liferay, Shibboleth, Git, Maven, Tomcat, MySQL, UML

SITel, État de Fribourg

01.2013 – 06.2017

Role: Business Analyst, Software Engineer

- Conducted the study for the redesign of the XPL application (tax department main back-office application). The platform includes taxpayer master data, withholding tax and user management modules.
- Drafted and designed the Web applications UI guidelines and implemented the reference HTML/CSS/JS template.
- Provided technical assistance in the maintenance of the TaxIGI (tax department) and DSK2 (cadaster department) applications.
- Gathered the requirements, designed and collaborated to the development of the withholding tax application for the state tax department.

Technologies: Java, Spring Boot, JPA/Hibernate, AngularJS, ExtJS, REST, SOAP, JUnit, SVN, Maven, Tomcat, SQLServer, UML

New Storage – Xentive SA, Lausanne

03.2012 – 03.2013

Role: Software Engineer

Collaborated in the development of the advertising storage and management platform based on Alfresco ECM.

Technologies: Java, Spring, REST, SOAP, JMS, JUnit, SVN, Maven, Tomcat, Alfresco, ActiveMQ, Talend OpenStudio

01.2012 – 02.2012

The Swiss Post, Neuchâtel

Software Engineer

Developed a new version of the Web Service allowing Post partner companies to interface with the PickPost platform.

Technologies: Java EE, EJB 2.0, Spring, SOAP, JUnit, SVN, Maven, Weblogic 10, Oracle

- 08.2008 – 12.2011

Bedag Informatique SA, Lausanne
Software Engineer and consultant

Worked on projects for (and within) public organizations as business analyst, software developer and consultant.

Technologies : Java, Spring, Porlets, Hibernate, REST, SOAP, Liferay, JUnit, Ext JS, SVN, Maven, Tomcat, SQLServer, MySQL , Talend OpenStudio, UML
- 11.2005 – 07.2008

ID Informatique & Développement NT SA, Yverdon-les-Bains
Software Engineer

Specified and implemented many components and modules of the IDBusiness CRM/ERP application.

Technologies: Java, Swing/JGoodies, PL/SQL, JUnit, SVN, Ant, Oracle, UML

TRAINING	
10.2020	User Experience Certification - UX-PM 2, Telono
10.2018	IBM Blockchain Foundation for Developers
03.2017	HERMES 5 Certification, APP Unternehmensberatung AG, Fribourg
11.2015	User Experience Certification - UX-PM 1, Telono, Geneva
04.2014	AngularJS training, Zenika, Fribourg
12.2013	DEMS tool training, Global Data Excellence, Fribourg
12.2013	Scrum Training, SQLI, Fribourg
10.2008	Liferay 5 administration and portlets development training, Ippon Technologies, Paris

EDUCATION	
2002 – 2006	Bachelor of Science in Computer Science, Science faculty, University of Neuchâtel
2000 – 2002	Maturité fédérale (Swiss equivalent to the High School Diploma), Lycée Jean-Piaget, Neuchâtel
1997 – 2000	Business diploma, Commercial Professional Maturity section, École Supérieure de Commerce, Neuchâtel

LANGUAGES	
French	Native
English	Proficient
Portuguese	Fluent
German	Basic

REFERENCES

It is with great pleasure that I would provide on request a list of people who are familiar with my skills and my personality.