

MAIL

jonas@clout.ch

LANGUAGES

french

english

german

spanish

INTEREST

Basketball

Meeting friends

Cooking

Travelling

Motorcycling

AGE

38 years old

COMPETENCES

Programming languages

Java, Javascript, Typescript, SQL, Bash, Scala

Java frameworks

Spring (Core, Boot, MVC, JPA, Security, Integration, Batch), QueryDSL, Hibernate, JSF, JSP

Javascript frameworks

Angular, Aurelia, Durandal, jQuery, Cordova (PhoneGap, Ionic)

Tools

IntelliJ, Eclipse, Jenkins, Jira, CircleCi, Openshift, ArgoCD, Splunk, Instana

Miscellaneous

Maven, Oracle, MySQL, Postgresql, Tomcat, JBoss

FORMATION

MASTER in computer science

Master Project at Logitech, USA

Kungliga Tekniska Högskolan (KTH)

2008 - 2010

Spring 2010

2008 - 2009

BACHELOR in computer science

Swiss Federal Institute of Technology (EPFL)

2005 - 2008

HISTORIC

EXPLEO@BERNE a software services company

Consulting Java/Web developer

2020 - today

ASPECT3@BERNE a small software services company

Consulting Java/Web developer

2018 - 2020

ELCA@BERNE a software services company

Consulting Java/Web developer

2015 - 2018

ELCA@LAUSANNE a software services company

Consulting Java/Web developer

2011 - 2015

PROJECTS

PUBLIC TRANSPORTATION @ ASPECT3 / EXPLEO

2018 - today

Development and maintenance of several products in the field of customer information in train stations. The main product was the service managing the display of departures / arrivals on the screens of the stations. We also developed a new product for the general public to inform customers in an interactive way.

Swiss-scale project

Free choices of technologies and architecture

DevOps Team

24/7 on-call service

German-language working environment

Technologies: Angular 13 (Typescript), Redux (ngrx), Spring Boot (Java),

Postgresql, Openshift, ArgoCD, Helm

Skills developed: Work in a team with 24/7 on-call service and a very short reaction time SLA

SWISSTOOLS @ ASPECT3

2018

Development of an ERP prototype for a leading Swiss company in the manufacture of hand tools. The prototype focused on the graphic planning of the various stages of tool production.

Only developer working full time

German-language working environment

Technologies: Typescript, Aurelia, Java, Spring Boot

Skills developed: Work in a small structure in direct contact with the final customer

PUBLIC TRANSPORTATION @ ELCA

2016 - 2018

Development of an interface to a world-wide money transfer service for a swiss public transportation company. Having to deal with the maintenance of the existing system, I was working on the frontend to rebuild the application from scratch in parallel.

Strong dependencies on external systems

German-language working environment

Technologies: Typescript, Angular, Java, Spring, Websphere

Skills developed: Setting up of a big Javascript Single Page Application

PUBLIC TRANSPORTATION @ ELCA

2015 - 2016

Maintenance of the productive shop of one of the main swiss public transportation company. I was both in charge of reacting and fixing day to day productive issues as well as developing new features to cope with business new requirements.

Highly used public website performing core business

Very old and complex system

Work environment 100% german

Technologies: Struts, Java, Websphere

Skills developed: Ability to quickly analyse a productive problem and find a pragmatic solution

SWISS CANTON @ ELCA

2014 - 2015

Development of a custom solution for the office of Legal Proceedings and Bankruptcies of a Swiss canton. Due to the large size of the project, the biggest part of the development had to be outsourced in a foreign country. I was charged to setup the project both for the front and back ends and to write the first screens and services before the remote team takes over. I then focused on the most technical parts as well as the interfaces with the external systems, the continuous integration and the integration on client site.

Strong dependencies on external systems
Continuous Integration

Technologies: Javascript (Durandal), Java, Activity (BPM), Hibernate, Spring
Skills developed: Ability to synchronize development with client and remote team

SWISS CANTON @ ELCA

2012

On 2011 the electronic vote counting system of a Swiss canton failed. This prevented important results being published and the incident made the front page in most Swiss newspapers. A small task force was put together to fix this JSF based application and ensure its durability and robustness before the next round of voting.

Required strong analytical skills
Short hard deadline and high pressure
Scrum managed project

Technologies: JSF, Spring, Hibernate (JPA), Tomcat, Oracle
Skills developed: Ability to work in a high-pressure environment and adhere to a tight schedule

SWISS CANTON @ ELCA

2011

For my first project at ELCA, I worked as the only developer on a project for the sport department of a Swiss canton. With no experience in software development, I had to deal with unknown frameworks and make my own way building the application from scratch.

Technologies: JSF, Spring, Hibernate (JPA), JasperReports, Tomcat
Skills developed: Ability to handle a complete project from architecture to development

PRIVATE BANKING @ ELCA

2013

Development of a plugin addressing a lack of functionality in the traders' main software of a leading Asset Manager. In the bank's process, managers enter orders in the system for a given amount that must then be split among different brokers by traders, respecting constraints defined by the legal division. This project was to computerize this process based on existing infrastructure.

Complex business
Large infrastructure

Technologies: Javascript (jQuery), Java
Skills developed: Ability to organize and react rapidly to fluctuating client requirements

PUBLICITY @ ELCA

2011

Building of a tool to be placed in the middle of all complex data flows; allowing newspaper publishers and client's agency employees to keep track of advertisements. I was working on the project back-end, having to deal with the business logic and rules.

High interaction with the business
Adaptation to client's tools and constraints

Technologies: GWT, Spring, Tomcat, MSSQL
Skills developed: Ability to understand complex business demands

LOGITECH @ AUDIO BUSINESS UNIT

2010

Designed the Man-Machine Interface of a Logitech Audio Unit's key project, including: competition analysis, software simulations and hardware prototype of the resulting best software simulation. This last step led me to develop a solution of reusable electrical modules to significantly decrease the time of creating hardware prototypes. (6 months full time)

Development of drivers in C for an ARM target
Conception of electrical schematics

Skills developed: Teamwork with marketing and engineers from various fields