

MAIL
marc@clout.ch
LANGUAGES
french
english
german
italian
japanese
spanish
INTEREST
Football
Time with family
Learning new things
Travel



AGE
39 years old
COMPETENCES
Programming languages
Java, Javascript, Typescript, C#, NodeJs, Bash
Java frameworks
Spring (Boot, MVC), Hibernate, JSP
Javascript frameworks
Angular, React, Next.js, Ionic, jQuery
Tools
IntelliJ, Jenkins, Jira, Openshift, Splunk, Docker, Instana
Miscellaneous
Maven, Oracle, MySQL, PostgreSQL, MongoDB, Hazelcast, Tomcat

FORMATION

MCSD: APP BUILDER Certification

MCSD: Web Applications
Developing Microsoft Azure and Web Services

2017
2017
2017

BACHELOR in computer science

Bern University of Applied Sciences (BFH)

2005 - 2008

HISTORIC

CLOUT@BIEL an IT services company

Founder
IT Consultant
Fullstack developer

2022 - today

SPOUD@BERN an innovative start-up in streaming technology

Product board
Team leading
Java/Web Developer

2018 - 2021

SIX GROUP@BIEL a financial information company

Java/Web Developer

2017 - 2018

ITSYSTEMS@BASEL a Sharepoint web application company

C#/Web Developer

2014 - 2017

GOLDBACH INTERACTIVE@BIEL a web application development company

C#/Web Developer

2009 - 2014

AFFOLTER GROUP@MALLERAY a CNC machine production company

Industrial application developer

2005 - 2008

PROJECTS

PUBLIC TRANSPORT @ SPOUD/CLOUT

2020 - today

Large-scale project to migrate the train information system (ZIS) to new streaming technologies

New technologies
Complex business

Technologies: Java, Spring, MQ, Kafka, Hazelcast, MongoDB, Angular, Typescript, Rxjs

Skills developed: Learn a complex business and innovate the UI part

PUBLIC TRANSPORT @ SPOUD

2019 - 2020

Advanced protection system, an innovation project that is part of smartrail 4.0. Enable the use of ETCS level 3 ("full mobile block"), in the long term, for all train movements.

Massive innovation project
Complex business

Technologies: Java, Spring, MQ, Angular, Typescript, Rxjs

Skills developed: Ability to synchronize business crosses and translate a complex domain into code while contributing to possibly defining new transport standards.

AGOORA @ SPOUD 2018 - 2019

Creation of a data market as a service platform (Big data platform). I was responsible for leading the Product Board of the company as well as the development team (Frontend & Architecture technical manager).

Project management
Team management
Innovate in an innovative field

Technologies: Java, Spring, Kafka, Angular, PostgreSQL, Typescript, Rxjs, Ngrx GraphQL, D3, Plotly, NodeJs, Gerit

Skills developed: The flexibility of a start-up, always finding the most pragmatic solution in a very short and long term gain perspective.

SECO, DFAE, PARLEMENT.CH @ ITSYSYSTEMS 2014 - 2017

Creation and maintenance of multiple client sites, including: the Swiss Parliament (Finalist Best of Swiss Web), State Secretary for Economic Affairs SECO, Federal Department of Foreign Affairs FDFA

Pushing Sharepoint to its limits
First steps with Azure Cloud

Technologies: Sharepoint, C#, Javascript, React, Angular

Skills developed: Cost estimation (via Waterfall/Agile), architecture definition, budget, features

LOETSCHBERGER, HANHART, MC-DONALD SUISSE, OMEGA, ETC. @ GOLDBACH 2009 - 2013

Creation of websites or web applications for large groups such as : Loetschberger, Hanhart, Mc-Donald Switzerland, Omega, etc. This includes the organization and creation of national advertising campaigns.

Technologies: C#, jQuery, Oracle, Kentico

Skills developed: Project management, meeting deadlines (advertising campaigns do not forgive delays), the importance of a good UI/UX and the financial impact on campaigns.

SIX @ SIX 2017 - 2018

Finance - Development of a data delivery platform (stock market information). Large projects with high data throughput.

Technologies: Java, Spring, React

Skills developed: Microservices architecture requiring maximum stability, First project with SCALE

DAIMLER (SMART) @ GOLDBACH 2013 - 2014

Creation of a web application for car customization (build my car). The application allows you to configure your car, change colors, options and get a code to order easily at a car dealer.

At the cutting edge of what the Web was offering at the time
Large project management, in collaboration with other Europeans teams
Innovative project

Technologies: Java, Javascript, Oracle

Skills developed: First experience in a project on a European scale (the project had to connect to other systems built by other teams)

CAM CALCULATOR @ AFFOLTER GROUP 2005 - 2008

Creation of an industrial application for CAM machines calculations. Transformation of instructions from a spreadsheet into 360 degree cutting machine language. Tool used for machining high precision watch parts. Only computer scientist on the project

Understanding a new complex business (CAM calculator)

A lot of mathematics

Creation of a code that transforms the instructions of the spreadsheet into machine code (compiler)

Skills developed: The collaboration with the mechanical department was the most important part, in order to create the best possible UX and to learn enough about the CAM calculation profession.