



MATTHIEU BORGOGNON

DEVOPS ENGINEER @ ADVANCE TICKET GMBH

ABOUT

I joined Advance Ticket GmbH in early 2022 as software developer with a focus on operations and project management. Before that I worked for CSE IT Solutions AG (daycare centers management software) and Techwan SA (public safety and emergency software) as software developer with a parallel education as a fullstack developer (Ruby on Rails). I'm also the co-founder of At3flo, a small third place in the Seeland in Switzerland. After a Bachelor's degree in Micro- and Medicaltechnology at the Bern University of Applied Sciences, I worked for Breitling (watch industry), first as an Industrialization engineer, then for 2 years as a team leader and certified Scrum Master.

WORK EXPERIENCE

DevOps Engineer & Project Manager - Advance Ticket GmbH

<http://www.advance-ticket.ch/>
April 2022 – Present

- Developing software & hardware solutions in ticketing system for cinemas and culture houses all over Switzerland. Use in particular the following stack:
- Typescript & React (RedwoodJS Framework)
 - GraphQL & Prisma (PostgreSQL)
 - Node.js & Xojo (C/JAVA)
 - Ansible (Servers & hardware fleet management)
 - Proxmox VE & Docker Continuous Deployment
 - OPNSense Firewall
 - Advanced Monitoring / HIDS of terminals & servers
 - Team management by implementing Scrum Artifacts (Retro, Daily Scrum and Sprint plannings)
 - Graphics (logo & global visual identity rebranding)
 - UX Interviews set up and conduct

Software Developer & Project Manager - CSE IT Solutions AG

<http://www.cse.ch/>
November 2020 – Present

- Developing software solutions for schools, daycare centers and preschool cares. Use in particular the following stack:
- Java with Struts Framework
 - Angular(2+) Framework
 - Typescript (JS), HTML5, CSS3
 - Python with Django Framework
 - Firebird database

Software Developer - Techwan S.A. (an Everbridge Company)

<https://www.techwan.com/>
November 2018 – October 2020

- Software development in the field of crisis management systems for civil protection services (ambulances, police, armed forces). Use in particular the following stack:
- Angular(2+) Framework
 - Typescript (Javascript)
 - Material design, HTML5, CSS3
 - C# services for front-end & database interaction
 - Microsoft SQL Server & PostgreSQL database

Quality Control & Metrology Manager - Breitling Chronométrie SA

<https://www.breitling.com/>
January 2015 – March 2017

- Quality control manager (incoming components) of a ~10 person team.
- Application of Agile methodologies in watchmaking (Scrum and Kanban).
- Implementation of a server for collaborative knowledge management (wiki type) and bug ticketing system for metrology.
- Manager of the three-dimensional measuring machines.
- Supervision and expertise of an École polytechnique fédérale de Lausanne (EPFL) Master thesis: "Three-dimensional Measurement Optimization for Watch Parts".

Industrialization engineer - Breitling Chronométrie SA

<https://www.breitling.com/>
July 2012 – December 2014

- Development & project management of automated machines.
- Software programming (C, JAVA, R, VB, EIP Assembler): 3D measuring machines post-processing, CNC Human Machine Interface, uControllers, etc.
- Electronic design (machine safety, on-board lighting, engine control, etc.).
- Production assistance for process improvement, troubleshooting and set-up (mechanical, electronic and IT).
- Flow analysis, manufacturing time and costs - ROI.

CONTACT

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SKILLS

Front-end development

advanced

Typescript

React

Angular

Django / Flask

Ruby on Rails

HTML5

CSS3 Pre-Processors (SASS, LESS)

WCAG 2.1

Tailwind CSS

Chakra UI

Material Design

Backend development

advanced

Node.js

Python

Ruby

R

Java

C

Xojo

Databases

master

GraphQL

PostgreSQL

SQLite

Firebird

Microsoft SQL

Operations

master

Linux servers

OSSEC HIDS

Proxmox VE

Docker

Ansible

OPNSense

Git

Bash

EDUCATION

2012
2010

Bern University of Applied Sciences - Biel/Bienne

Bachelor of Science

Micro- and Medicaltechnology

Courses / Highlights

C, JAVA & embedded programming

Mechatronics & Robotics

Certificate of Advanced Studies in Management

CERTIFICATIONS

2020
2019

Académie de Meuron (School of Visual Arts - Neuchâtel)

Certification

Graphic design

2019

Le Wagon - Lausanne

Certification

FullStack developer Ruby on Rails

Courses / Highlights

SQL, CRUD, Schema design, ORM (ActiveRecord)

JavaScript ES6, HTML5, CSS3, Bootstrap 4

Present
2016

Federal Office for Sports Magglingen

Certification (CH090106-M1-AKV-293 n° 946)

FSEA / SVEB Certificate Adult Trainer and Practice Trainer

Present
2016

Scrum.org (Pyxis Technologies inc. - Lausanne)

Certification (163111)

Professional Scrum Master I

LANGUAGES

French	Native or bilingual proficiency
German (spoken & written) UE : C1	Complete professional proficiency
English (spoken & written) UE : C1	Complete professional proficiency