



Marcel Horlings

Curriculum vitae

Skills

- HTML, CSS, JavaScript, Git, SQL
- Ruby on Rails, Turbolinks, Elixir, Phoenix, EmberJS

Experience

2017–Current **Lead Software Developer**, *Defacto*, Groningen, The Netherlands.

In these years we have built the new version of the main application for Defacto called CAPP LMS. This was made with Elixir, Phoenix and Turbolinks. CAPP LMS is an application to track the competence and compliancy of mostly healthcare and government institutions. It supports 250.000 active users to receive ongoing education they need for their jobs. To do this CAPP interacts with multiple API's to receive results of users and to export the compliancy of the institutions.

- Created multiple detailed CSV reports with SQL.
- Open sourced multiple libraries.
- Mentored multiple junior & medior developers.
- Gave talks within the company and at meetups.
- Set up a PubSub system for side effects in the app.

2019–2019 **Bachelor's thesis & Software Developer**, *Miniem*, Groningen, The Netherlands.

For my Bachelor's thesis I created a Ruby on Rails backend for the MacOS app Funkido. With Funkido, users can drum along with MIDI files.

- Built a webscraper to find MIDI-files.
- Created a GraphQL API to communicate with the MacOS app.
- Extracted information out of MIDI-files (E.g. which instruments, beats per minute, length of the song).

2016–2017 **Medior Software Developer**, *Defacto*, Groningen, The Netherlands.

Worked as a medior software developer with Ruby on Rails and EmberJS. During this period I mostly worked on LearningSpaces, which created a new way of learning between co-workers.

- Had an advising role for management (E.g. what to build, who to hire).
- Helped developers grow in the technical parts of the job.

2016–2018 **Software Developer & co-owner**, *Mondonline*, Groningen, The Netherlands.

In this period I built and ran a webshop for dental products. The webshop was built with Ruby on Rails and processed over 3000 orders.

2014–2016 **Junior Software Developer**, *Defacto*, Groningen, The Netherlands.

Worked as a junior software developer for LearningSpaces that was built on Ruby on Rails and EmberJS.

- Implemented core features using both Ruby on Rails and EmberJS.
- Gave chat-based customer support.
- Did workshops with existing customers.

Education

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- 2010–2019 **Bachelor's degree in Software Engineering**, *Hanze University of Applied Sciences*, Groningen, The Netherlands.
- Received the award for best Bachelor's thesis of the year.

Blog

DevRain.io.

Here I post blogs about development work I have done.

Languages

Dutch Native

English Fluent