# Maximilien Mellen
**Full Stack Web Developer**

## About me

I am a full stack software engineer focused on building simple and elegant solutions to complex problems. I approach challenges holistically to build cohesive and engaging user experiences. I strive to always challenge myself as well as my coworkers to help create an environment that encourages learning and growth, both personally and as a team.

## Skills

* **React**
  *Redux/Reselect, Hooks/Recoil*
* **Erlang/Elixir/OTP**
  *Supervision Trees, Cowboy, Phoenix*
* **Functional Programming**
  *TypeScript, Elm, Haskell*

## Languages

* **English**
  *Native proficiency*
* **French**
  *Native proficiency*
* **German**
  *Limited working proficiency*

## Education

* **DUT in Computer Science**
  *at Université Savoie Mont-Blanc*

# Experience

## Getsurance
*Frontend Developer*                                           03.2020 – Present

* Work on the existing products and lead the development of Getsurance's latest product in **Elm**
* Set up automated **end to end tests** on Getsurance's main products using **WebdriverIO** and **TypeScript**
* Implement a static site generator with strict validation using **Elm** and **JSDOM** to fetch and render data from **Contentful**

## Arweave
*Software Engineer*                                            02.2019 – 02.2020

* Build decentralized web applications in **TypeScript** and **React** built on top and showcasing the Arweave Blockchain
* Lead the design and development of the new iteration of ArQL to let applications query the Arweave Blockchain using **GraphQL**
* Help the team package the Arweave node software more conveniently by leveraging **Erlang/OTP releases**

## Qixxit
*Full Stack Developer*                                         12.2017 – 01.2019

* Implement a high-performance, concurrent, intermodal journey search engine in **Elixir/OTP**
* Work on the web client using **React**, **Redux** and **RxJS** while helping introduce **TypeScript** to the frontend codebase
* Work across front- and backend teams to implement new payment provider, helping each team to understand the other's concerns
* Help the frontend team setup automates tests for the streaming search results by using **RxJS Marble Diagram Tests**

## Webmecanik
*Backend Developer*                                            04.2016 – 11.2017

* Contribute to the Mautic open-source marketing automation project written in **Symfony**
* Set up automatic Mautic instance provisioning for agency clients
* Lead development of a dashboard interface for agencies to manage their Mautic instances in **Laravel** and **Vue.js**