Xavier Le Tohic (he/him)

Senior Frontend Engineer

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Summary

Apprentice waiter from the age of 14 to 16. Reconverted in web development for 8 years. I specialized in frontend architecture redesign, complex infrastructures, migrations, quality, user experience and agility.

Currently working on a multi-tenant micro frontend architecture using Webpack Module Federation to improve deliverability, allow tenants to write their own remote modules using any technology compatible with Webpack (react, vue, angular, svelte etc.) to be included in an single page application at runtime and isolated with QuickJS.

Experience

Senior Frontend Engineer, Adevinta (Leboncoin Group)   **August 2019 - Present**

Creation of interfaces to post-moderate content and configure machine learning rules in a multi-tenant interface. Development of new functionalities of a GraphQL server using several data sources including machine learning backend modules.

Migration to a micro frontend architecture using Webpack Module Federation, abstraction of react components into several remote modules. Creation of deployment scripts for remote modules to an S3 bucket, management of different environments, migration to a monorepo using Lerna. Support for tenants to allow them to customize our interface by writing their own remote modules while remaining framework agnostic and let them modify the layout.

Creation of a Design System using design tokens exported from Figma to customize Ant Design components. Agile meeting facilitation, remote game master during covid lockdown, became lead frontend developer and onboarded 4 frontend developers.

Software Engineer, La Fourchette   **December 2018 - July 2019**

Adding functionalities to a backend micro service to manage restaurant's booking using an algorithm to optimise the seating plan. Maintenance and migration of a PostgreSQL database optimising performance to allow the user to see the availability of a restaurant as quickly as possible. Creation of a seating plan drawing and table reservation assignment interface linked to the backend micro service.

Frontend Engineer, Mapstr   **January 2018 - July 2018**

Experimented a Progressive Web App of Mapstr first using Google Maps API then Mapbox. Handling offline mode by caching Mapbox's requests using Google's Workbox and allowing up to 10k markers on the same map. [Migration to Apple Mapkit JS](#) once it got released.

Software Engineer, Nestor   **June 2016 - October 2017**

Creation of a website for a dematerialised semi-gastronomic restaurant to allow the customer to order. Creation of a backoffice for customer service, dispatch of orders to couriers via Stuart, payment and subscription management via Stripe API, migration from AWS version Zeit (now Vercel)

Junior Frontend Developer, Rakuten France   **May 2015 - April 2016**

Migration from Jquery to a homemade JS framework, redesign of product pages and business pages following the acquisition by Rakuten. Implementation of a product search by geolocation radius. Every Friday I took the time to learn how JSP (Java Server Page) worked and managed to set up webpack to replace them with react components and thus reduce the build from ten seconds to a few milliseconds.

Apprentice Software Engineer, Energiency   April 2014 - April 2015

Creation of an interface to inspect the energy consumption in electricity of the factories of a tenant and to predict its future consumption via an algorithm and the creation of virtual meters if several machines of the same type work all at the same time.

Creation of an API and a MongoDB database to store and retrieve the tree structure of machines and buildings of the plants, the creation and deletion of virtual meters.

Education

Web development certificate, Epitech   2013 - 2015

Self-taught programming pedagogy without teachers or courses via projects aimed at reproducing well-known applications such as Twitter, Airbnb, e-commerce etc.

CAP Restaurant, EPMTTH   2009 - 2011

Apprenticeship in company and school, serving food to customers, inventory management, cash management, business management.

Skills

Technical skills: Leading a team of confirmed and senior frontend developers, managing priorities and estimations, facilitating agile meetings, setting up deployment pipelines and integration builds, writing documentation and architectural decision records, architecture redesign, migration or new project from scratch. Mostly using JavaScript as main language both in frontend and backend, 7 years of experiences with React on the frontend, created an unfinished mobile application using React Native, worked on desktop applications using Electron. Used Vue.js in the past, interested to work on Svelte, open to any frameworks or technology. Always up-to-date on JavaScript and the web development eco-system using Twitter on a daily basis. I have strong knowledge of unit tests using Jest and testing-library and end-to-end using Cypress, always looking into the best way to ensure quality and improve the user experience. I learned Figma on my own and followed UX good practices over the years. I have a good knowledge of infrastructure, Travis, Docker, Kubernetes (kubectl and k9s), Spinnaker, Terraform, AWS.

Natural languages: French *(mother tongue)*, English *(fully professional proficiency)*, Portuguese (beginner)

About

Diagnosed with HIP (High Intellectual Potential) and ADD (Attention Deficit Disorder) in 2021, this has allowed me to finally understand why I could be bored very easily, to adapt my way of working and to appreciate my difference. I am a person who adapts easily and quickly to any situation and task. I have an uncanny ability to understand and solve problems in the code. I have the power to have a global vision of an architecture and a codebase in my mind. It is important for me to work in a company that respects a certain parity between men and women (if the size of the company allows it), that respects the religion, origin and sexual orientation of its employees.