

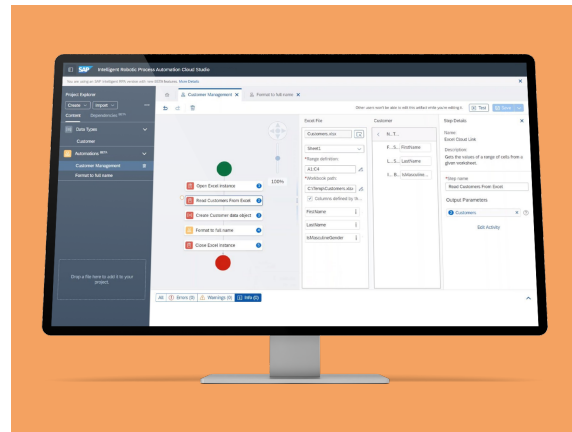
Portfolio

I enjoy building products and making things happen. Below are included some examples



Oh! Softwares

Fonded a Startup - 2017



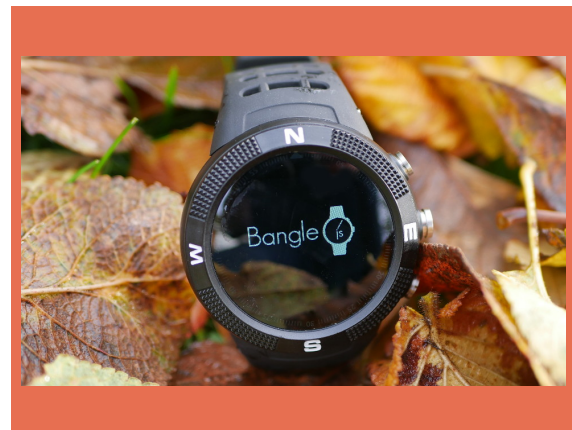
SAP iRPA Store

SAP - 2018



Microcosme

Oh! Softwares client - 2018



BangleJS Apps

Personal Project - 2019

Oh! Softwares

In 2017, I co-founded Oh! Softwares, an IT agency

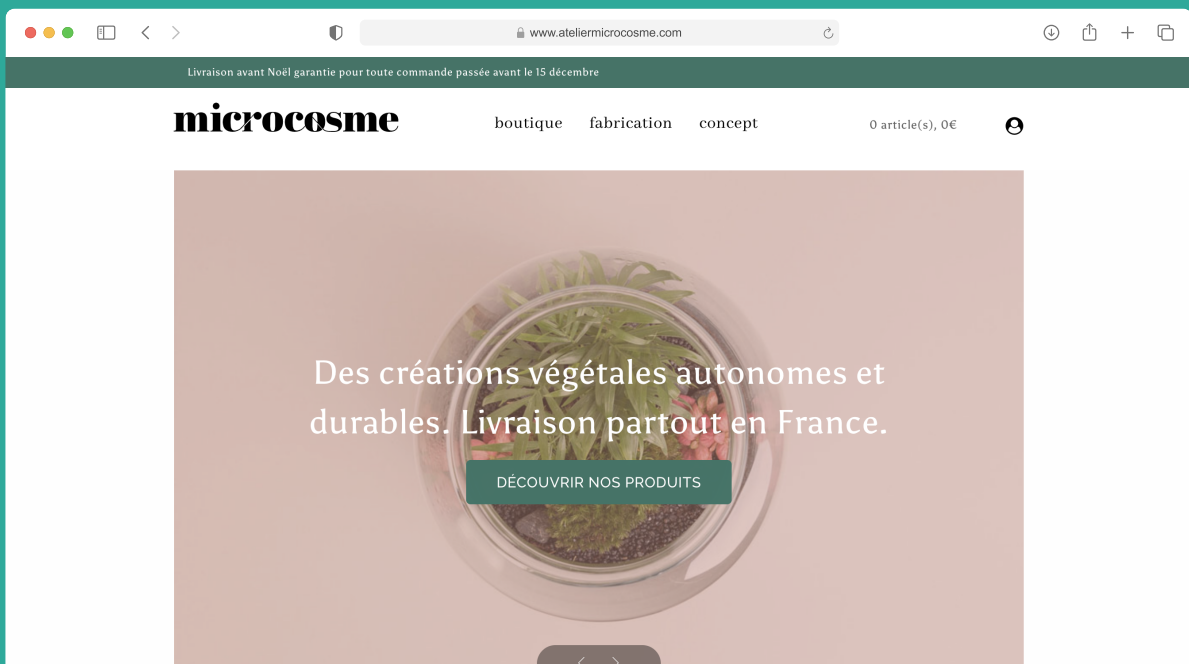
The agency specializes in showcase, news, and ecommerce websites

Bellow are 3 projects developed by the company:

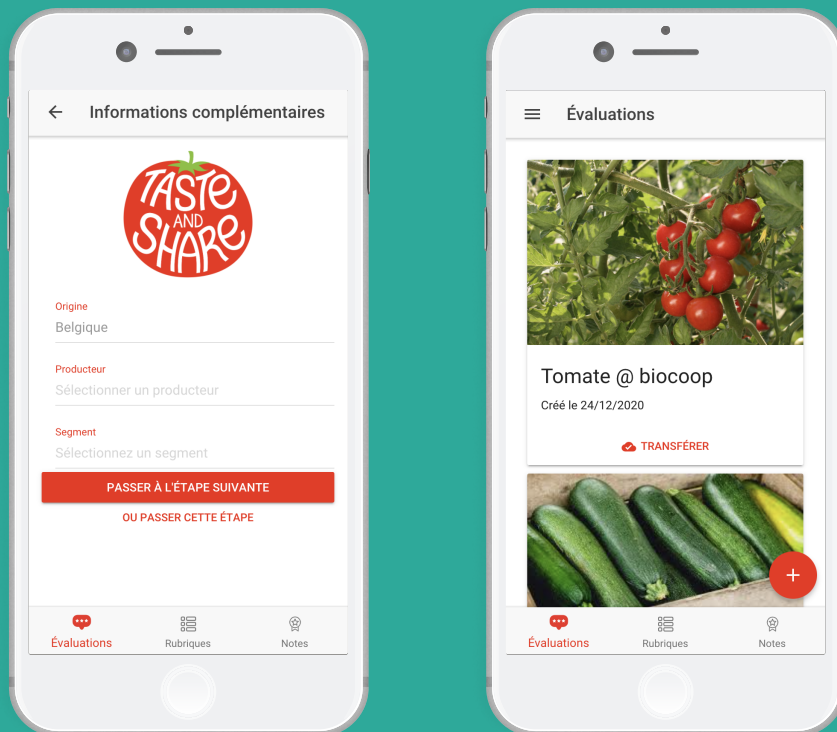
- BlocBuster, a showcase website for a climbing gym in Paris la Defense
- Atelier Microcosme, an e-commerce website that sells Terrariums
- Taste And Share, a mobile app to rate fruits and vegetables



Landing page of blocbuster.fr, the website contains a news feed, an image gallery. All content is editable and localized



Landing page of Microcosme, see the project's page for more info (page 6)



Left: User takes a picture of a vegetable, then set the details, origin, producer, ect., before rating the taste
 Right: Home page with latest evaluations. Touching a card opens the details and rating

Results

- ✓ 16 projects with 8 different clients over 2.5 years
- ✓ 4 websites audited, migrated, evolved and maintained: e-commerce, ad site, news
- ✓ 3 websites created: e-commerce, showcase
- ✓ 2 mobile applications created
- ✓ 4 hosting only and ssl certification commissions
- ✓ 1 setup of Electronic data interchange (EDI) to facilitate transactions
- ✓ 2 SEO audits

Clients

- BigBen Connected — www.bigben-connected.com
- Microcosme — website made by us — www.ateliermicrocosme.com
- Hey Magazine — we evolved the website — www.heyheyhey.fr
- Blocbuster — website made by us — www.blocbuster.fr
- Babel Med — we evolved the website — www.babelmed.net

Tech Stack

- Backend and API: Django Rest Framework, Spring, Stripe
- Mobile Applications: Ionic (Android & iPhone)
- Single Page Applications: React, Redux, Bootstrap
- Hosting & Cloud Providers: Azure, AWS, pythonanywhere

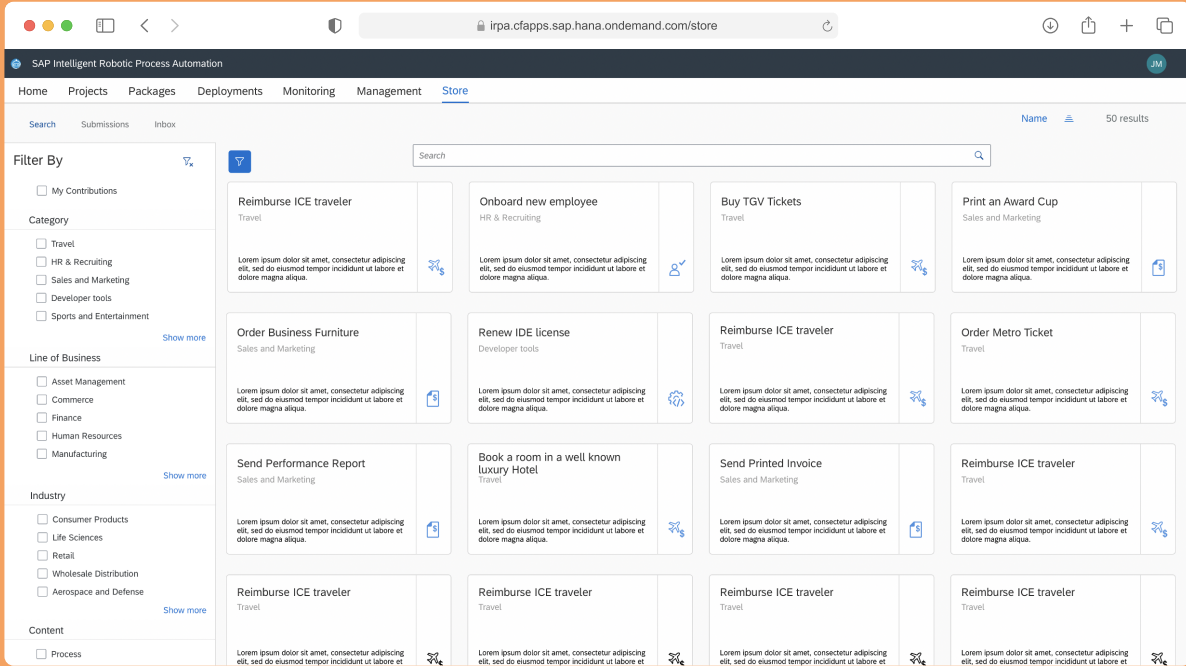
SAP iRPA Store

A Robotic process automation application

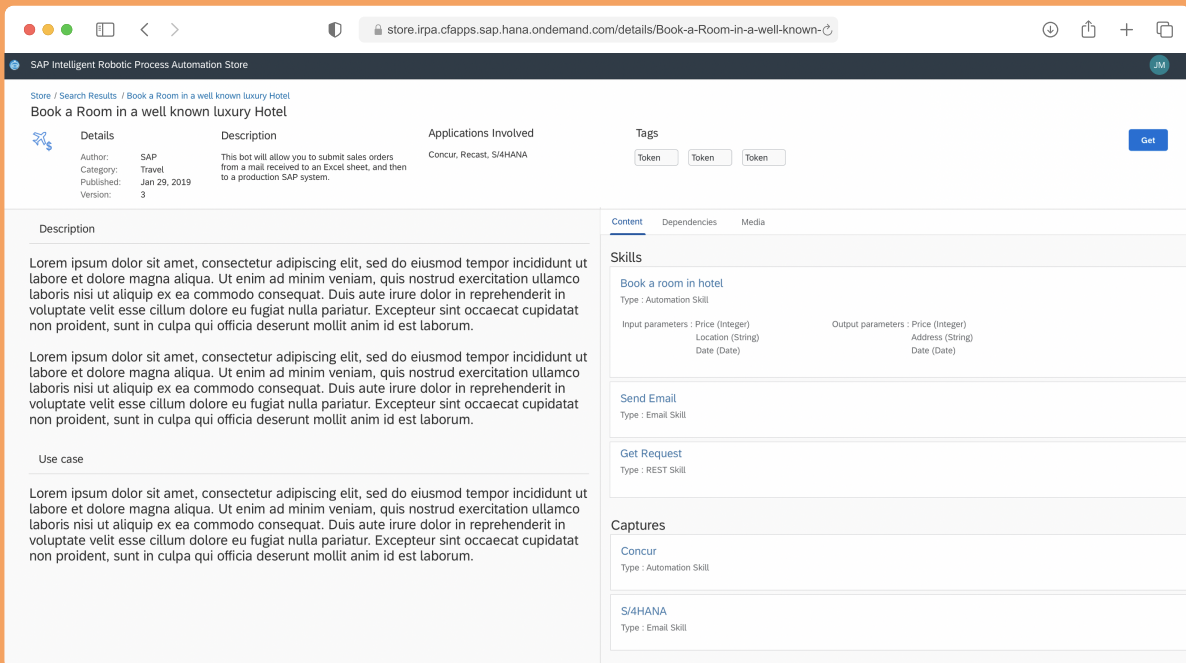
The store enables users to share automated processes they created (bots)

These automation packages are reviewed before being made available for everyone to copy

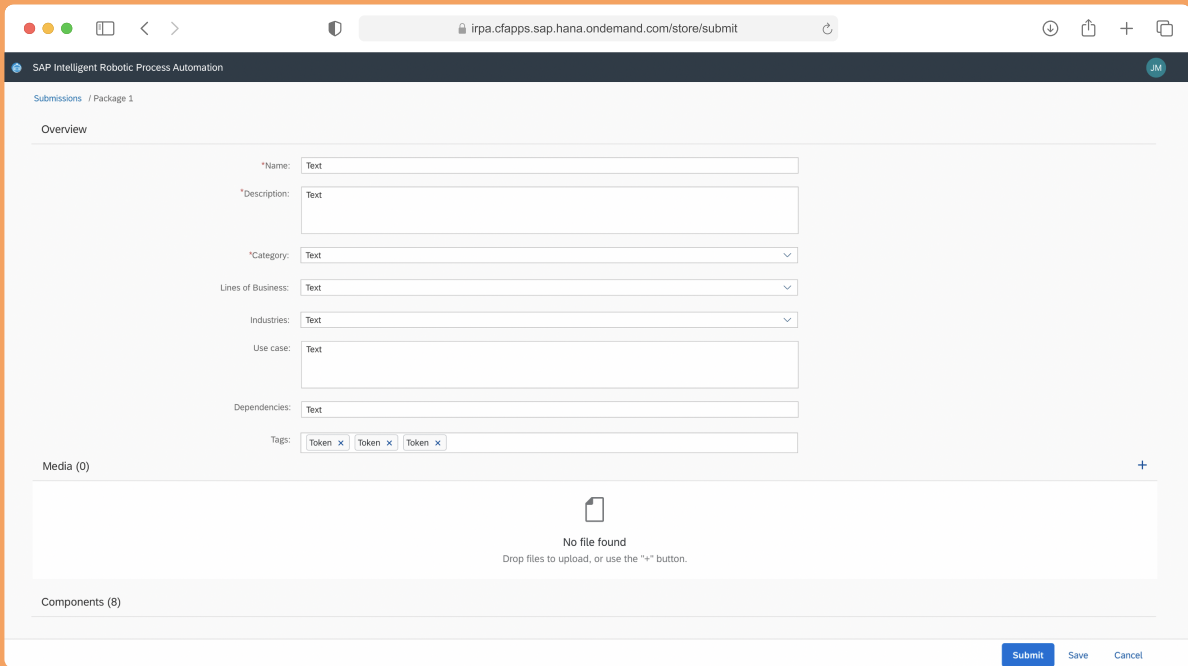
There are two versions of the store, one is embedded into rpa app, the other is available as standalone



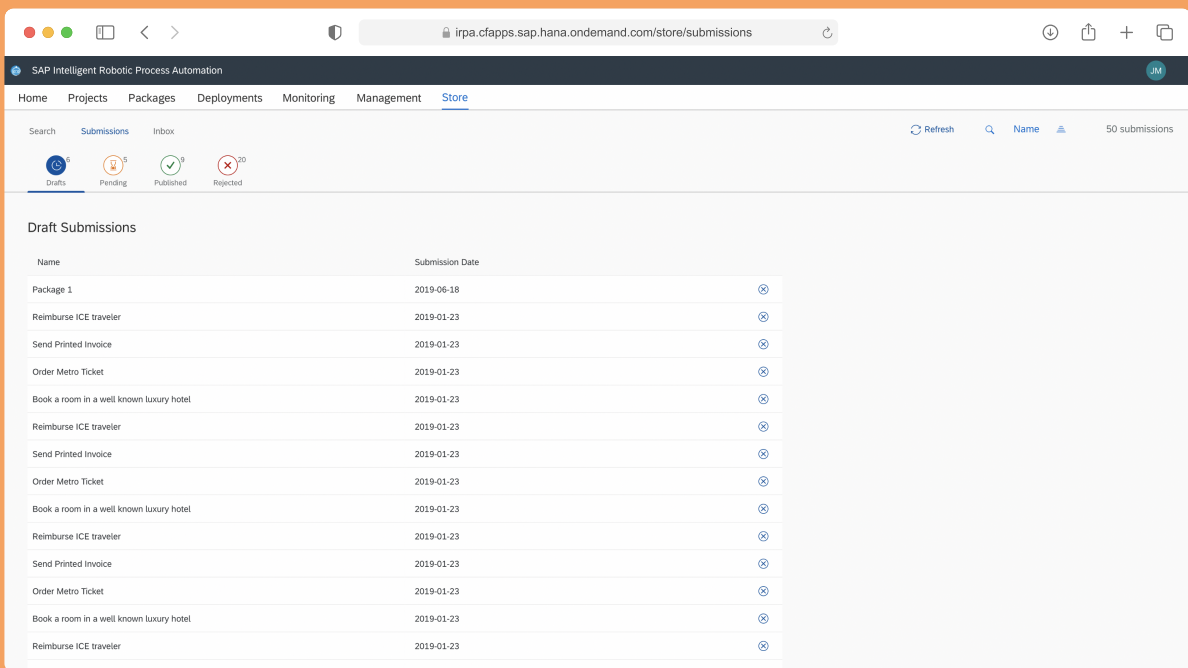
Search bots with fuzzy suggestions and auto complete, combine filters, sort, infinite scroll, open a card to see the details



The details page gives a description & a use case. It lists the bot's Skills, Dependencies and shows images & videos in a carousel
Page 4/9



A bot can be submitted from this page. The page has many custom components, select, multi select, tags, input, textarea, media upload



Administrators can validate or reject a bot submitted to be published to the store. A rejected submission can be reworked

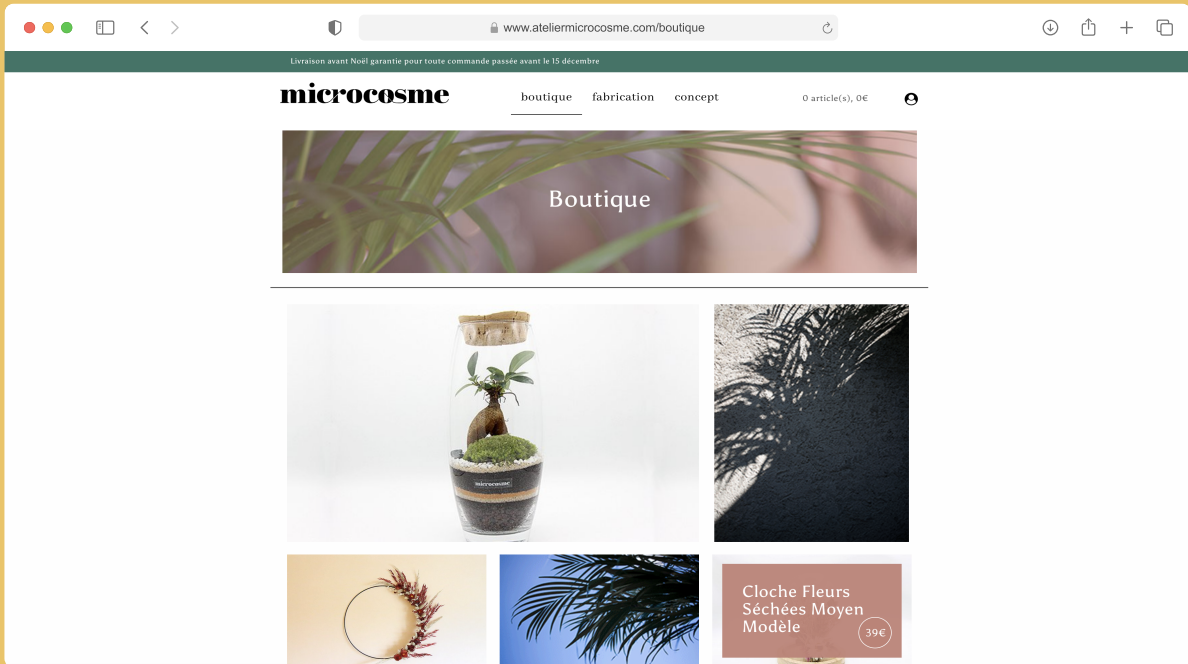
Results

- ✓ Implemented components used throughout the whole application suite
- ✓ Improved rendering on complex components already used in the app suite
- ✓ Used websockets and lazyloading to built a fast search
- ✓ trained 3 developers
- ✓ Conducted sync meetings with UX, manager, developers
- ✓ Launched the core feature within 1 month

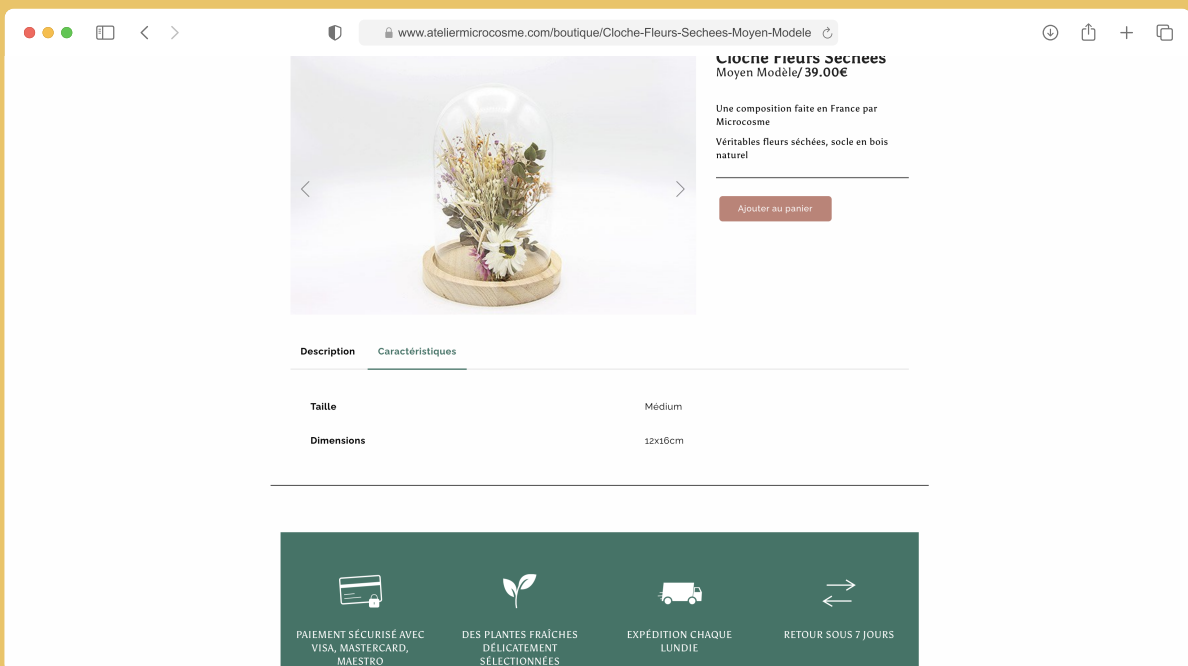
<https://www.sap.com/products/robotic-process-automation.html>

Microcosme

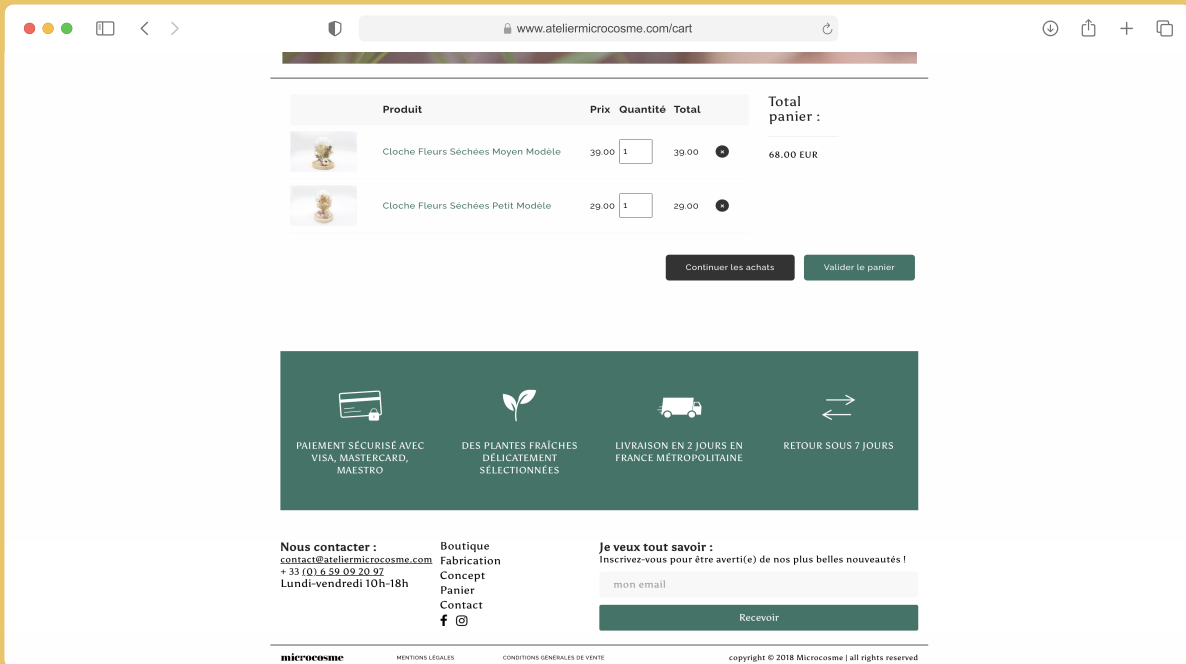
Showcase website for Microcosme developed by Oh! Softwares. A shop specialized in Terrariums and established in the cities of Lyon, Grenoble, Chambéry, Annecy, Genève. The originality of Microcosme Terrariums is that they come in a do it yourself kit and can therefore be delivered anywhere. One key point in this project was the disposition of the images in the gallery as well as the correct displaying of the images on every screen. Clients can order terrariums from the website. From the administration pane, the owner can create products and product variants, maintain stock, manage online orders as well as in person orders, sales, and shipment.



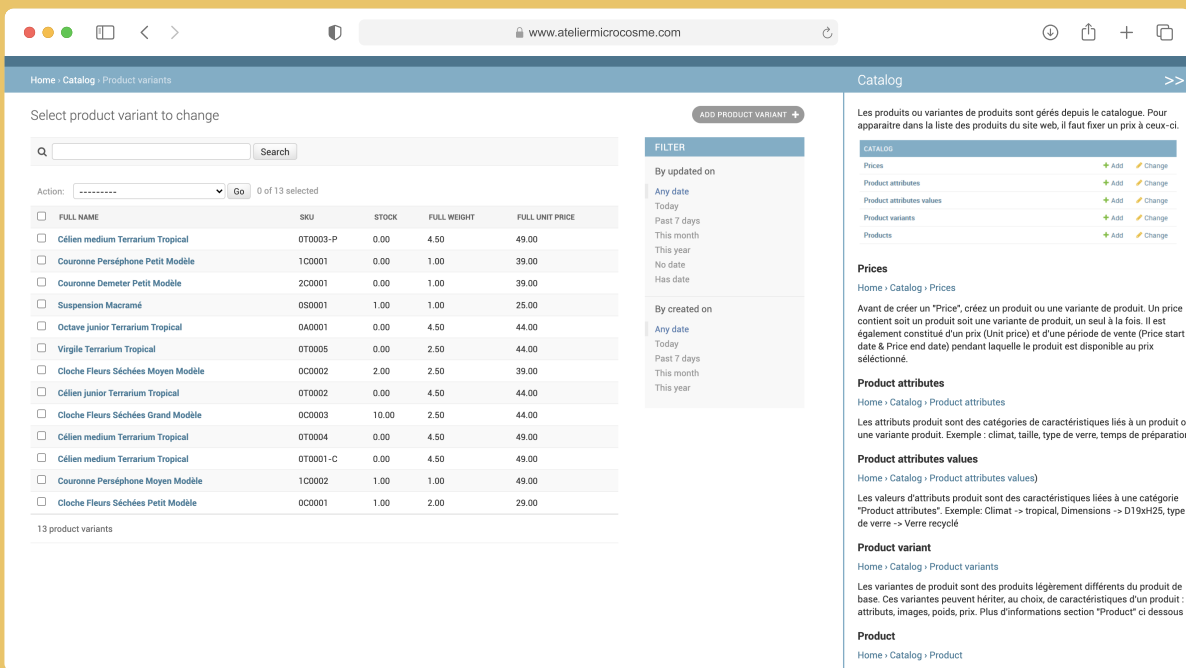
The shop, on mobile, displays product names and prices, but on desktop the client is invited to discover the products by hovering, like as if it was hidden behind the image



Details page of a product with reassurance elements, description, characteristics, a carousel and a button to add to the basket
Page 6/9



Cart page with the summary of the order, quantity editable, total calculated from the list. Payment is handled with Stripe. The footer of the website has the contact details, site map, social links, legal links, and a newsletter registration form.



Admin pane. Product variants are displayed here, their unique id (sku), number of items in stock, weight and price.

Results

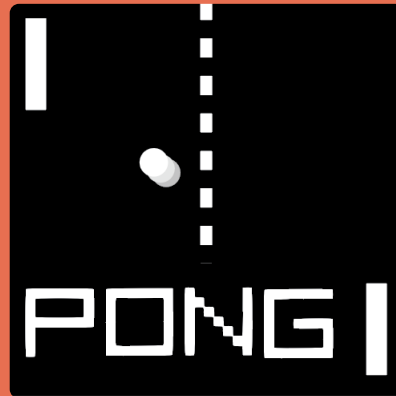
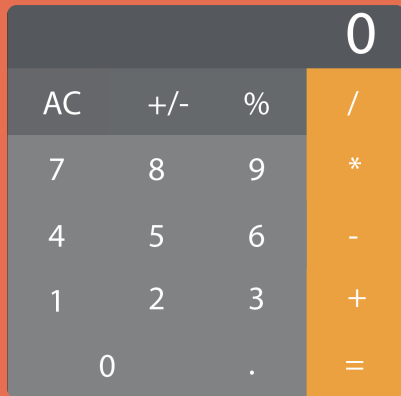
- ✓ Built from scratch an e-shop made of different backend modules: product catalog, shipping, seo, sales, accounting, contact, static pages
- ✓ Image sizes and dispositions on the gallery are completely customizable
- ✓ ~200 orders processed over one year with success

<https://www.ateliermicrocosme.com/>

BangleJS Apps

BangleJS is the Open Source Hackable Smart Watch, powered by Espruino, the JavaScript interpreter for microcontrollers. I developed 2 apps for the watch:

- A staple Calculator app inspired by the MacOS one
- Classic Pong game on your watch. Fight an AI or a friend





Challenges

Calculator

- ✓ Handle all edge cases of a calculator
- ✓ Overcome Javascript numeric precision issues

Pong

- ✓ Reproduce a Pong game that is fun to play
- ✓ Be memory efficient because the watch has very low memory capacity

Results

Calculator

- ✓ Created the only calculator app available on BangleJS
 - ✓ Created the first app on BangleJS that had unit tests
 - ✓ The calculator app was ported on T-Watch
- <https://espruino.github.io/BangleApps/#calculator> (Test it)

Pong

- ✓ Created a Pong game that can be played against an AI or with a friend
 - ✓ Got a Pull Request on the Pong game to improve watch battery life
- <https://espruino.github.io/BangleApps/#pong> (Test it)