

Marc Hertzog *Web Developer*

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Technical Skills

Python, Django, JavaScript, HTML, CSS, DOM, PostgreSQL

Experience

2022-2023 *Freelance*

Foodles *La Boîte à Encas*

French company providing meals to company's employees 24/7 using its connected fridge technology.

Tech: Python, Django, Odoo, Elasticsearch, Node.js, Docker

- Connected the billing system with a third-party cashiering provider (PI Electronique)
- Implemented automatic detection of suspected thieves by RSSI analysis
- Implemented automatic blocking of fridges in case of temperature anomaly
- Developed an UI to manage label printing errors
- Integrated a new design of RFID label printings in ZPL
- Generated CSV and XLS invoices and transferred them to the Odoo ERP

2019 - 2021, 2 years and 6 months *Freelance*

Plateforme de l'Inclusion - CTO *Direction interministérielle du numérique (DINUM)*

Startup of the French Government that provides online services in the domain of integration through economic activity (IAE) to help people experiencing social and professional difficulties.

Tech: Django, PostgreSQL, PostGIS, Redis, Docker, PaaS (Clever Cloud), Metabase

- Designed and implemented a social job marketplace
- Reached 200K+ hirings in social enterprises in 2-year+
- Made the project permanent by proving its value and taking it out of the incubation stage
- Hired and managed a top-notch tech team of 10 members
- Coordinated the adoption of lean philosophy across all departments (30+ people)

2019 *Freelance*

Code du Travail Numérique *Fabrique numérique des ministères sociaux*

Startup of the French Government that provides an educational tool to help people find their way around the Labour Code.

Tech: Python, Elasticsearch, Node.js, React, Docker

- Indexed documents (extraction, enrichment, analysis)
- Improved relevance with synonyms, analyzers, filters etc.
- Developed REST APIs with Koa and a public search website using Next.js

2018 *Freelance*

Work in France *Fabrique numérique des ministères sociaux*

Startup of the French Government that allows to request work permits for foreign students.

Tech: Node.js, Vue.js, Docker

- Dematerialized the administrative procedure
- Performed usability testing

- Developed REST APIs with Koa
- Developed UIs for validity check and statistic reports

2017 *Freelance*

La Bonne Boite Pôle emploi

Startup of Pole Emploi that allows people to look up for a job by searching for companies having a high hiring potential.

Tech: Python, Flask, MariaDB, Elasticsearch, HTML, CSS

- Developed the authentication mechanism with OAuth/OpenID Connect providers
- Migrated MariaDB from utf8 to utf8mb4
- Implemented SQLAlchemy to handle DB migrations
- Improved security (migrated to HTTPS, upgraded dependencies, added CSRF protection, etc.)

2016 *Freelance*

Accélérateur L'Atelier BNP Paribas BNP Paribas

Startups incubator of BNP Paribas, a French international banking group.

Tech: Django, MySQL, Redis, jQuery

- Fully automated the onboarding process of startups to speed up their selection
- Used Redis to implement a queue to send emails asynchronously with workers

2016 *Freelance*

Chauffeur Privé Transcovo

French ride-hailing app (biggest French Uber rival).

Tech: Node.js, MongoDB, Heroku

- Developed the loyalty program for 190K customers
- Exposed the loyalty program as REST API endpoints with Node.js
- Fully automated the onboarding process of drivers

2015 *Freelance*

Oscaro.com Oscaro

French e-commerce company, leader in the sale of automotive parts.

Tech: Django, PostgreSQL, AngularJS

- Created the checkout UI using AngularJS, from mockups to code
- Developed a reusable autocomplete component to search for products

2014 *Freelance*

Ailium Diptyque

SaaS solution that automates the entire flight scheduling process and is compliant with EU-OPS.

Tech: Django, PostgreSQL, AWS, jQuery, Bootstrap

- Conceptualized and coded the web app and its database structure
- Integrated various 3rd party APIs (SparkPost, Open Exchange Rates, Ask Geo, Sentry)
- Developed advanced HTML/CSS UIs to display crew calendars and timelines of flights
- Implemented timezone management
- Provided assistance in the recruitment of a Django developer

2013 *Freelance*

Club SeLogger Neuf **Revolunet**

Prototype for a French leading real estate online portal to sell new housing.

Tech: Django, MySQL

- Developed an e-commerce prototype with Django
- Integrated Ogone and implemented the checkout process

2012 *Freelance*

Autolib' **Polyconseil**

Electric car sharing service in Paris.

Tech: Django, PostgreSQL, Vue.js

- Designed and developed a SPA with Vue.js for incident management
- Integrated with 3rd party APIs such as the Google Maps API
- Developed a gettext plugin for Vue.js

2011 *Freelance*

BforBank **Crédit Agricole**

French online bank, subsidiary of the Crédit Agricole group.

Tech: HTML, CSS

- Developed reusable HTML/CSS components for the mobile website

2010 *Freelance*

Taxeo **Agence Fantom**

A solution to get your company's foreign VAT back.

Tech: Django, MySQL

- Developed a website on top of an SAP Enterprise Resource Planning
- Developed an HTML/CSS style guide
- Gathered and led a tech team of 3 members

Since 2009 *Freelance*

Some Freelance Clients **At various times**

Golf-minute (co-founder), Immomig, L33 Networks, Learngest, Netmeno, Orfeo, Pilot, PopCorn Pages (co-founder), SameStory.

2006 - 2008, 2 years *Employee*

Gandi **Web Developer**

French company providing domain name registration, web hosting, and related services.

Tech: Perl, Catalyst, MySQL, JavaScript

- Developed web UIs to manage domains and hosting
- Integrated a new design using XHTML, CSS and JavaScript

2005 - 2006, 1 year 5 months *Employee*

Business Lab **Web Developer**

French web agency working with key accounts like Peugeot, Coca-Cola, Air France, Le Monde, Renault, RATP.

Tech: XHTML, CSS, JavaScript, Flash

- Developed websites using (X)HTML/CSS, JavaScript and ActionScript
- Integrated 3rd party Web Analytics APIs (Webtrends, HBX-WebSideStory, Wycisat)
- Trained a team of outsourced developers to HTML and CSS best practices

2004, 5 months Internship

Kanyoo Web Developer

French web agency. Internship during my software design and programming training.

Tech: XHTML, CSS, JavaScript, Flash, PHP, MySQL

1999 - 2004, 5 years and 5 months Co-Founder

Trotti'Net Web Developer

French web agency.

Tech: XHTML, CSS, JavaScript, Flash

- Designed and developed websites and logos using Photoshop and Illustrator, HTML and CSS
- Made commercial prospection and acquired clients
- Liaised with customers to understand their specific needs

Education

2005

AccessiWeb - Paris, France - *Web accessibility expert training*

AccessiWeb provides a methodology to verify conformance to Web Content Accessibility Guidelines.

2004

IFIDE/Sup-Formation - Metz, France - *Software design and programming training*

A private institution that offers career training programs.

1997 - 1999, 2 years

University of Metz - Metz, France - *Diplôme universitaire de technologie (DUT)*

The DUT is a French national diploma earned in 2 years of postsecondary study following receipt of the French Baccalauréat or equivalent secondary-school. Field of study economics and marketing techniques.

Languages

- French (*native*)
- English (*proficient*)
- Japanese (*learning*)

Passionate about

- Internet
- Technical Books
- Hip-Hop Culture
- Japanese Pop Culture