

# Bertrand Choubert

Full-Stack Web Developer & UI Designer

## EDUCATION

-  **Mobile Web Specialist**  
Google  
2019 - Current
-  **CS for Web Programming**  
Harvard University (via edX)  
2017 – 2020 (6m)  
CSCI E-50x + CSCI E-33a
-  **CS Engineer - Master's Degree**  
Polytech Lyon - Lyon, FR  
2014 – 2017
-  **CS Analyst & Developer**  
DUT - 2-year University Degree  
Lyon1 - Bourg-en-Bresse, FR  
2012 – 2014

## MAIN SKILLS

-  **Front-End**  
CSS – Sass, Less, BEM  
JavaScript, TypeScript  
React, Angular, Vue, Svelte  
Bootstrap, MDBBootstrap,  
Material UI, PureCSS  
NPM Modules, Yarn  
Webpack, Gulp, Grunt  
  
Accessibility  
Progressive Web Apps  
Pixel-perfect Implementations  
Responsive Websites – Audits
-  **Back-End**  
Java – Spring, EE, JNI  
PHP – Symfony, Laravel  
Python – Flask, Django  
Firebase – Authentication,  
Storage, Functions, Rules  
  
API & Protocols  
REST – CRUD – Web-Services  
Async & Socket Processing
-  **UI Design**  
ProtoIO, Wireframe CC  
Adobe XD – Gimp – Inkscape  
Power-User  
  
Automatic Font Creation  
Complex Prototyping  
Branding – Color Schemes

## INFO

First Contact: PM only!

-  **Phone**  
+33 6.38.68.62.05
-  **E-mail**  
bertrand.choubert@hotmail.fr
-  **LinkedIn**  
/chbefr
-  **GitHub**  
/bchoubert
-  **Dribbble**  
/bchoubert
-  **Website**  
chbe.fr

## AVAILABILITY

Available immediately. Looking for a position in Northern Europe, as a Full-Stack Web Developer & UI Designer / Lead Web Developer – Java.

## PROFILE

Design, development, management and organization, that is my definition of IT.












By nature, I have perseverance, and I'm rigorous, enthusiastic, never fully satisfied, and always listening. I began web development at 12, which is now my preferred field. I am currently a French CS Engineer. I'm trained to develop innovative websites in modern languages. I train myself with a lot of online trainings, because Front-End technologies change every day.

Passionate about IT, but also aeronautics and music creation, I am interested in innovation in multiple fields, which permits me to learn new things about them!

## EXPERTISE

Solid experience in Web Development (first professional website in 2006).  
Strong knowledge of both Graphic and UI Design.

## EXPERIENCE

-  **Graphic & UI Designer**  
TC Gannay / 2019 (3m) / Remote  
 Adobe XD  Inkscape  
  
Designed a simple color scheme  
Proposed a dozen of logos  
Created numerous variants of the chosen logo (monochromatic – bi-tone)  
Built several website prototypes, including proposed functionalities  
Written English and French Data Privacy
-  **UI Designer & R&D Full-Stack Web Developer**  
Sogelink / 2018 – 2019 (1y 1m) / Lyon, FR  
 Angular  Java Spring  Advanced Git  Python  
 GitLab CI  ThreeJS  BabylonJS  ProtoIO  AnyDWG  
  
Designed, Developed and integrated new components  
Created new API endpoints and develop related views  
Created new UI fashionable and usable components meeting with the design team  
Built a UX-first strategy for complex forms  
Designed new business monochrome and bi-tone icons  
Optimized 3D scatter plots filter and transformation algorithms  
Used the GeoServer API to update PCRS and Geometry Layers in real-time  
Developed POCs related to 2D and 3D files visualization in web browsers  
Trained new colleagues to the tech environment, Git and Angular technologies
-  **Web Developer & UI Designer**  
Maincare Solutions / 2017 – 2018 (7m) / Lyon, FR  
 Java EE  BackboneJS  Bootstrap  
  
Designed and Developed new functionalities  
Participated in specifications meetings  
Debate about form UX design

## OTHER SKILLS



### Digital Marketing

Google Analytics  
Call-To-Action (CTA)  
Target Audience – Personas  
A/B Testing – SEO  
Advertising Campaigns



### Mobile Apps

Android, React Native, Expo



### Databases

MySQL, Oracle, Postgre, Redis,  
HFSQL, MongoDB, SQLite,  
Firebase Real-Time & FireStore



### Ops

Apache, Tomcat, Let's Encrypt



### Machine Learning

MapReduce, Hadoop,  
QlikSense, QlikView

## CERTIFICATIONS



### AWS & GCP Trainings

Qwiklabs



### Digital Active

Google



### Entrepreneurs' Pass

CCI Lyon



### Digital Marketing & SEO

Social Media Pro



### Digital Marketing

LiveMentor

And others: uDemy, Code School...

## TONGUES

**French** – Mother Tongue  
Orthographic Certification Voltaire

**English** – Fluent  
TOEIC 910 / 990

**Italian** – Elementary

## INTERESTS



### Music

Listening & Creation



### Hardware

Repair



### Computers

Build & Repair



### Tennis

Club Member



### Aeronautics

Simulation + News



### Modelling

3D Modelling & Rendering

## EXPERIENCE CONTINUED



### Web Developer, UI Designer & Branding

VDS Consulting / 2017 (8m) / Remote

Symfony Java Spring<sup>EXP</sup> NodeJS Express

Bootstrap<sup>MOD</sup> MDBootstrap<sup>EXP</sup> Sass<sup>LC</sup> Adobe LiveCycle Leaflet

Written Specifications

Designed layouts and views

Created Brands and Icons as well as Color Schemes

Developed solutions in speed development with appropriate technologies

Put online an e-commerce complete solution with 10,000+ products and online checkout

Developed independant & automatic CV creation module, calling official European

Commission APIs and generating on-the-fly PDFs

Written reports for web-marketing and design problematics

Created dynamic PDF forms that interact with multiple APIs



### Web & Chrome Extension Developer

lunex Group / 2016 – 2017 (9m) / Part-time / Remote

PHP Chrome Extension<sup>JS</sup> JavaScript<sup>EXP</sup> MySQL

Designed and conceived an easily-maintainable and evolutive architecture including a high-volume web-service with OAuth authentications

Developed content and background scripts

Created new graphic charts

Designed comprehensive forms

Developed an optimized on-the-fly URL Scanning algorithm based on Regexp and Sync

Created an algorithm that suggest offers depending on the commented ones



### Web Lead Developer

Brayton Global / 2015 – 2016 (15m) / Full then Part-time / Antwerp (BE) then Remote

Symfony Bootstrap<sup>EXP</sup> jQuery<sup>EXP</sup> MySQL<sup>EXP</sup> Trello

Conceived and developed a complex architecture

Implemented Front-End following mockups and solving ergonomic problems

Created elegant designs and easily maintainable code

Participated in meetings with the Product Owner and organized daily tasks of the team

OLDER EXPERIENCE AVAILABLE ON CHBE.FR

## MAIN SIDE PROJECTS



### Crypto-Viewer – Mobile App to track crypto-currencies & your assets

React-Native<sup>EXP</sup> Expo<sup>TS</sup> TypeScript



### Air Data – Airlines Data Viewer with 800+ companies and 10,000+ routes

Firebase Real-Time Database<sup>EXP</sup> VueJS<sup>EXP</sup> Leaflet<sup>EXP</sup> QGIS



### Logistics – Complex Logistics ERP: GPS Tracking, invoices, recruitment, maintenance...

Firebase Cloud Firestore + Auth + Storage + Functions<sup>EXP</sup> React<sup>EXP</sup> OpenLayers<sup>EXP</sup> Sass



### E-nos – Your Files and Programs, Online

Angular + NG Material<sup>EXP</sup> Java Spring<sup>EXP</sup> MySQL<sup>EXP</sup> Sass



### BC-Font – The Developer Font with 1,000+ icons

Gimp<sup>EXP</sup> Webpack<sup>EXP</sup> Inkscape



### Velov – Deep analysis of French renting bike company

jQuery<sup>EXP</sup> ChartJS<sup>EXP</sup> Leaflet<sup>EXP</sup> Talend ETL<sup>EXP</sup> QlikSense



### Evento – World-wide public events, developed with multiple technologies

<sup>EXP</sup> NodeJS Express<sup>EXP</sup> ASP.net<sup>EXP</sup> Laravel<sup>EXP</sup> PHP<sup>EXP</sup> Java Spring<sup>EXP</sup> Symfony<sup>EXP</sup> Angular<sup>EXP</sup> Leaflet



### Nescafe Dolce Gusto Webstore – E-commerce website to order your coffee pods & machines

Django<sup>EXP</sup> SQLite<sup>EXP</sup> React<sup>EXP</sup> Material UI



### Produits du Tiroir – Branding & Web-Marketing Strategy, building e-commerce website

Prestashop<sup>EXP</sup> WordPress<sup>EXP</sup> PHP<sup>EXP</sup> Facebook API<sup>EXP</sup> YouTube



### BMW Car Configurator – Complete online car configurator

Python Flask<sup>EXP</sup> jQuery<sup>EXP</sup> SQLite<sup>EXP</sup> MDBootstrap