



# Benjamin ISRAËL

Software developer  
Web / Mobile / Big data & AI



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## IN A FEW WORDS

From the beginning of my career as a software developer, I have seized every opportunity to extend my knowledge and skill set, be it by working alone with the help of knowledge bases and online courses or by learning from my teammates.

First introduced to web and mobile development by a five year experience on a SCRUM driven web application and hybrid mobile app project, I have been regularly challenged on various languages and systems.

Holding two bachelor degrees in English and business intelligence, I have recently attended a three months bootcamp on data science and AI that I am eager to put into practice on ambitious cutting edge projects.

## AREAS OF EXPERTISE

- Business Intelligence
- Health IT
- Automation
- Consumer applications

## HARD SKILLS

### **Software development :**

- *Web applications*
- *Hybrid mobile apps*

### **Business intelligence :**

- *Financial dashboards*
- *Predictive models*
- *Artificial intelligence*

### **Project management :**

- *Needs assessment*
- *Resource planning*

## SOFT SKILLS

**Adaptability**

**Problem solving**

**Time management**

**Autonomy**

**Attention to detail**

**Collaboration**

## LANGUAGES

- French (Native)
- English (C2)
- German (A2)

## KNOWN SOFTWARES

PhpStorm, Visual Studio 2022,  
Android Studio, XCode,  
PhpMyAdmin, Jira, Confluence

## CODING

Field	Languages and libraries	Years experience
Web applications	HTML 5, CSS 3, JavaScript ES6, JQuery, Bootstrap, PHP 7, MariaDB, Apache Web Server	7
Hybrid mobile apps	Apache Cordova, Framework7, NodeJS	5
	C#, Xamarin, .NET MAUI	3
	Flutter, React Native	< 1
DevOps	Git, Bash, Docker	7
Business intelligence	Power Query, Power BI	< 1
	Python, NumPy, Pandas, Matplotlib, Seaborn, FastAPI	< 1
Artificial intelligence	Python, NumPy, Pandas, Keras, TensorFlow, HuggingFace	< 1

## EDUCATION

July to September 2024

**Bootcamp Data Science & AI**

*Le Wagon - Marseille*

Following on from my previous degree, I have studied data science and AI hands-on for three months, using the most known **Python** libraries in the field of **big data** on a day to day basis (**Pandas**, **Matplotlib**, **Seaborn**) in order to produce financial dashboards, recommendation algorithms and predictive models, laying the basis for training both supervised and unsupervised **artificial intelligence** agents capable of automatically analyse and classify data from sources as various as texts, images and videos (**Keras**, **TensorFlow**, **HuggingFace**).

September 2016 to July 2017

**Licence Professionnelle ACSID – OLAP**

*Conservatoire National des Arts et Métiers - Paris*

Mainly focused on **statistical exploitation** of relational databases, this bachelor's degree curriculum offers a thorough overview of **UML**, an insight in **SQL schemas and queries optimization**, as well as an introduction to **C** and **Java** languages, both web and **Android** applications development, and basic DevOps skills with **shell scripting** and **Docker**.

September 2015 to July 2016

**BTS SIO SLAM**

GRETA GMTE 94 – Champigny-sur-Marne

During this one year preparation for the associate degree national exam, I learned object oriented programming in both **Python** and **PHP**, as well as basic **SQL** and **web development**.

## WORK EXPERIENCE

June 2022 to April 2024

**Software developer**

**Prastel**

La Ciotat

In charge of both internal and consumer applications development, I have mainly worked on the PrastelBT hybrid mobile app and its client branded versions, coded in **C#**, first with **Xamarin** then **.NET MAUI**, for which I have developed and integrated the necessary UI and back-end to control the latest iteration of their **Bluetooth** enabled access control box.

With outsourcing in mind, I was asked to clean the 10-year legacy code base, and introduce **Git** versioning as well as project tracking.

Among other things, I have fixed and improved an internal website coded with **WebDev** and dedicated to customer licences management and product labelling. My web development skills allowed me to redesign it from the ground up within a week using a **LAMP** stack, **Bootstrap** and open source **JavaScript** libraries.

September 2021 to April 2022

**Consultant**

**Amiltone**

Aix-en-Provence

First in charge of corrective maintenance on both professional and consumer **Android** apps coded in **Java**, my adaptability led me to work on a variety of missions.

I've thus created an API using WSO2, built a few financial dashboards using **Power Query** and **Power BI**, and helped in building a data collection system for a network of **IoT** sensors through **Python** and **Powershell** scripts connecting to **Activity** and **Thingsboard** servers.

October 2016 to September 2021

**Software developer**

**Evolucare**

Paris, Aix-en-Provence

Evolucare Imaging is a **web application** designed for medical imaging professionals, managing imaging data collection and archiving (**PACS**) as well as patient data and billing (**RIS**).

My participation in this **SCRUM** driven project (**Jira**, **Git**, **Confluence**) allowed me to gradually improve as a **full stack** web developer (**Linux**, **Apache**, **MariaDB**, **PHP5**, **HTML**, **JQuery**, **Bootstrap**). Regularly working on new features implementation and corrective maintenance of all three back-ends (**DICOM**, **HL7**, **SESAM-Vitale**), I've also notably implemented the Dossier Medical Partagé features.

I've helped in partially porting the solution on both **Android** and **iOS** with **Apache Cordova**, which led me to develop cross-platform plugins in **Java** and **Objective C**.

This in turn put me in charge of porting external modules to **MacOS**. I thus notably port a **C#** module in **Java**, packaging it in a specific installer for smooth and easy updates.

September 2015 to July 2016 (4 months)

**Asialyst**

### **Webmaster internship**

*Courbevoie*

This four months hands-on experience as webmaster for an online media gave me the opportunity to develop reusable **WordPress** components in **PHP** as well as Google App Scripts for Google Docs (**Javascript** API) to automatically convert font styles in articles into **HTML** tags prior to their publication in the CMS.

## **HOBBIES AND INTERESTS**

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- ★ Indoor bouldering
- ★ Movies and TV series
- ★ Cooking and baking