



Brian Valette

Retrained  
dev student  
looking  
for the next step  
as Backend dev.

## Skills

### PROGRAMING LANGUAGES



C language  
C++  
Javascript  
Typescript

### TECHNOLOGIES



Docker  
Kubernetes  
Azure

### WEB



Express  
Nestjs  
Reactjs  
MongoDb/Mongoose  
Sqlite  
Postgres

### TOOLS



Git  
GNU Make  
Bash/Zsh  
Gdb/lldb  
VSCode, vim  
Miro, Figma

### LANGUAGES



French (native)  
English

## Hobbies

**Acem Meditation:**  
two years of daily practice

**Chinese Mandarin:**  
conversational level and  
always trying to code some  
tools to support my learning  
process

## Education



Oct 2019 - present

RNCP 6, bac+3

### École 42 Paris

I got to start from in-depth understanding of **C and C++**, to web frameworks **Nestjs and Reactjs** with **typescript**, and many technologies and tools such as **Docker, K8s, GNU Make...**



Feb 2022 - May 2022

RNCP 6, bac+3

### Ironhack Paris

I deep dived into the **MERN Stack**, using **HTML, CSS, JavaScript, React, MongoDB and Express**.

The full-stack approach, during an intense 9 weeks full time bootcamp, provides with solid foundations.



June 2020

### Azure

AZ-900 certification, covering all the fundamentals of Microsoft Azure cloud services. **Score 940 / 1000.**

## Projects

### WEB

**PONG GAME:** Team project at 42, creation of a website with Nestjs, Reactjs and Typescript consisting of a pong game and a chat.

**MEMORY GAME:** Solo project at Ironhack, implementation a memory game based on cards pairs with static vanilla Javascript, HTML/CSS.

**SPOTIFY MATCHER:** Duo project at Ironhack, creation of a service allowing users to share their Spotify libraries and find matching songs with their friends, Express website with server side rendering using Handlebars.

**FIND THE ONE:** Trio project at Ironhack, fullstack application (MERN stack), allowing users to make groups and lists of names for a newborn, providing stats and data about real first names from a few European countries.

### DEVOPS

**DOCKER:** deployment of a docker container for a few services (Wordpress, MySQL, PHPMyAdmin).

**KUBERNETES:** implementation of Kubernetes for nginx, wordpress, ftps, grafana, influxBb, MySQL and PHPMyAdmin.

### C++

**CONTAINERS:** reimplement of C++ STL containers (list, queue, vector...)

**WEBSEVER:** creation of a simple HTTP/1.1 webserver runing on Linux, in C++

### C LANGUAGE

**LIBFT:** personal C library, reimplementing many of the C standard functions

**GET\_NEXT\_LINE:** function which reads files or standard input line by line

**PRINTF:** reimplement of the C standard printf(3)

**CUB3D:** creations of a C language 3D game made with raytracing

**PHILOSOPHERS:** introduction to threads in C language

**MINISHELL:** creation of a shell interpreter in C language

### ASM

**LIBASM:** creation of a few C standard functions using assembly x86\_64 syntax

## Before Code: Coffee



### KAWA COFFEE - Roaster and Head of Product

Apr. 2017 - Oct. 2019

Set up of a coffee roaster workshop, production processes, product logistic, serving more than 500 B2B Clients worth over 1M€/Year



### CUEILLETTE COFTEA SHOP - Cofounder

May 2015 - Apr. 2017

Fundation of a coffee and tea shop, building up a business worth 130K€



### ALTO CAFÉ - Shop Manager and head of Training

Dec. 2011 - May 2015

Management of a coffee shop unit while developing training center for 20 franchisees across France and Belgium