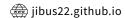
# Jean-Baptiste Le Corre

## **Junior Software Developer**

Paris, France

github.com/Jibus22





### Professional experience

#### **FULLSTACK DEVELOPER**

**JAN - JULY 2025** 

Papernest, Paris

Collaboration with the Head of Engineering and the architectural team on various tasks such as ETL (Airflow, BigQuery) on data of GitHub, Jira or Slack type for observability, the creation of automation script, the implementation of endpoints on the API and various back-end tasks as well as some front-end tasks.

### **FULLSTACK DEVELOPER**

**JAN - JULY 2024** 

Qeeps, Paris

Development of a notifications micro-service. Integration and writing of Cypress components tests. Improved CI/CD pipeline - updated images and dependencies. Proposals accepted and applied for optimizations and best practices: lazy loading, improving cache usage and rtkquery api.

### **AUDIO TECHNICIAN**

2015 - 2019

AmpVisualTv, Paris

Salaried in this french leader company in ty filming. I worked on notable events like UCI Road World Championships, Africa Cup of Nations, FIFA World Cup, African Games.

### **Projects**

**FT TURING** OCTOBER 2024

Ocaml, Theory of computation

Implementation of a Turing machine in ocaml and writing programs for Turing machine.

**CAMAGRU** 

Javascript, Node.js, SQL, postgresql, Sass, Vitejs, github Actions Instagram-like application made as a SPA. Static version deployed on github pages with github actions. I built my own node. js backend framework with routing and middleware managment.

### **BOOTCAMP DATA SCIENCE**

FEBRUARY 2023

Python, numpy, panda, matplotlib

Matrix manipulations, image filters, implementation of k-mean clustering algorithm, feature engineering and ploting data with panda.

### **TASKMASTER (2 VERSIONS)**

JANUARY 2023

C, system, multi-threading, pthread

Implemented a job supervisor (supervisord-like) and my own line editor with history and autocompletion. Integration of a yaml parsing library for the configuration file.

### WOODY\_WOODPACKER

SEPTEMBER 2022

C, security, packer, ELF

Shellcode injection, encrypt and inject self-decryption code into executable ELF binary target. I implemented segment padding injection technique (taking advantage of code cave after an executable load segment) as well as elf shifting if no codecave had been found.

### FT\_TRANSCENDANCE

reactjs, nestjs, websoket, postgresql, SQL, OAuth 2.0, docker-compose, APIs Web application of an online pong game with leaderboard, profile dashboard, chat interface. I implemented part of back-end, all websocket system and front-end in the end.

#### **WEBSERV**

SEPTEMBER 2021

C++98, HTTP, sockets

Implemented a HTTP/1.1 web server, nginx-like. Using epoll() for linux & kqueue() for macosx to poll socket I/O. CGI handling. Profiling with siege.

### **FT CONTAINERS**

JUNE 2021

C++98, STL, template, SFINAE, data structures, iterators, constness

Implemented some STL containers: map, list, vector, stack, queue with time complexity of algorithms equivalent to the STL. Implementation of BST, circular linked list.

Junior software developer passionate and curious about tech. Former audio technician. Exploring and digging several fields of computer science (system, cybersecurity, devops, AI, web). I am now looking for a position. Please view my portfolio for more informations.

### **Education**

### **DIGITAL TECHNOLOGIES ARCHITECT**

42 Paris school

2020 - TODAY

### **BTEC IN AUDIOVISUAL - AUDIO SPE**

Lycée Léonard de Vinci, Montaigu 2012 - 2014

### Skills

- OCaml C C++ python3 asm javascript • typescript • reactjs • nodejs • Django • SQL • sass • bash
- git github docker cypress RTK Query • GCP • postgresql • mongodb • BigQuery • chakraUI kubernetes • linux • gdb • make
- problem-solving autonomy attention to detail

### Languages

#### **FRENCH**

native

### **ENGLISH**

intermediate

### **Interests**

### **ASSOCIATIONS**

Videobus (teach filmmaking to children). Le Fieald (humor open scene).

### **SPORT**

Basketball, bmx, climbing, sailing, judo developed team spirit and rigor.

### **MUSIC**

Played guitar many years, developed