

# Boris TRAN

## Devops, Project Manager, Architect

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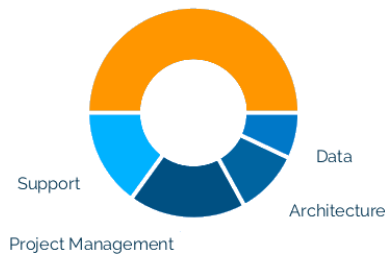
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## Profile

Devops, System Administration



## Languages

**French:** Native  
**English:** C1  
**Japanese:** A2

## Experience

2021 - 2022

### Project Manager

[French Foreign Ministry, France](#)

Our team is in charge of operations and supply chain management, hardware and software tests and support for our Embassies servers. Project management also encompasses processes optimization between departments. I worked on **Data visualization tools** for decision taking to **optimize** our **operations management**. A Proof of concept using **Grafana**, **Prometheus** and a Python custom exporter led to an in-house software customization. Maintaining a customized Debian distribution. Package deployment and configuration is handled by **Ansible**. CI with gitlab has yet to be researched.

2019 - 2021

### System and Network Administrator, Support

[French Embassy in Thailand](#)

Handling the **Covid crisis** demonstrated the challenges of offering **quick responses** despite the lack of readiness and user training in **remote solutions**. In a fast evolving environment, making full use of all the resources at disposal and priority management are essential while safeguarding security standards.

2015 - 2019

### System and Network Administrator, Support

[French Mission to the UN, NYC](#)

**Multilateral Diplomacy** is a very challenging environment. System and network administration reaches extremely **high security standards**. User support is paramount especially during heads of states events like the United Nations General Assembly, their satisfaction is greatly satisfying. I continued some prior research and tests on **containers** (Docker and LXC).

2011 - 2015

### Devops, System Administrator

[French Foreign Ministry, France](#)

At the dawn of devops adoption, after **taking ownership of the servers** in infrastructure, **I researched devops tools** (ansible, salt, puppet, chef). I carried **tests to deployment and processes migration** on the infrastructure. Since then, its evolution and wide adoption is one of the achievements I am mostly proud of.

2010 - 2011

### System and Network Administrator, Support

[French Institute in the UK, London](#)

I researched, designed the architecture and deployed **high availability virtual servers** (Linux Kvm). System administration encompassed **Samba/Ldap**, the French Institute library and cinema softwares, Nas backups. I maintained and prepared the network on a 3-site architecture prior to a future VOIP deployment.

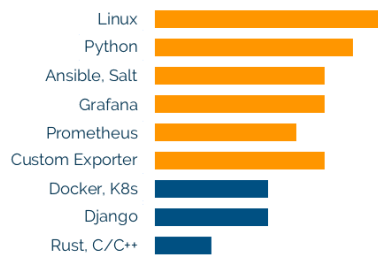
2006 - 2010

### Webmaster

[French Embassy to the United Kingdom, London](#)

In the Press Department, I led the France in the United Kingdom webmaster team to merge all websites into a single one. I developed merging tools in **Python** for database and media. I communicated best practices (XHTML, CSS), maintained high availability of the website and supported users. I negotiated with Hosting providers to improve quality of service and reduce costs.

## Skills



2006

### Quality Assurance Tester

Square Enix, London

Translation proof reading from English and Japanese to French. Bug reporting

2002 - 2004

### Business creation of a specialized computer parts online shop

France

I improved a **LAMP** template website, managed hosting.

**Stock management and logistics** were the most challenging tasks.

2000 - 2001

### R&D Developer

Duran, Paris

As a team member, I worked on Virtual Observer, an online 3D Real Time application for following the Vendée Globe skipper race (**VC++**, **OpenGL**, **SQLServer**). I prototyped a small physics library and developed 3D optimization for **Virtual Skipper 2**, a skipper racing game.

1999 - 2000

### Game Developer

Eden-Studios, a development studio, France

I developed a 3D audio library for **V-Rally 2 PC**, a rally driving game. (**VC**)

## Education

2005 - 2006

### Cambridge Certificate in Advanced English

London

Cambridge First Certificate in English (FCE) and Certificate in Advanced English (CAE).

1998 - 1999

### 1-year postgraduate diploma

UNIGE, EPFL, Switzerland, Lyon I University, France

Computer Graphics and Networks

European diploma in Computer Visualization and communication, EPFL Lausanne, UNIGE Geneva, Switzerland, Lyon I University, France

1994 - 1998

### M.Sc., B.Sc. and 2-year undergraduate diploma

Lyon I University, France

Mathematics, Science and Computer Science

## Projects

2021 - 2022

### Kusama Validator Node Administration

Blockchain

I maintain two Kusama Validator Nodes using Ansible.

I also research other nodes stack.

2021

### Tor network crawler and search engine

Tor, Python, Docker

Spare time project. I developed a Tor network crawler and search engine practicing **Python** and **Docker**. [github.com/Amallyn/torcrawler](https://github.com/Amallyn/torcrawler).

2017 - 2019

### POW Mining

Blockchain

Building nodes and miners from code was mandatory for mining. I did light customization of a Linux distribution and miners to optimize performance.