

Boris TRAN

Devops, Project Manager, Architect

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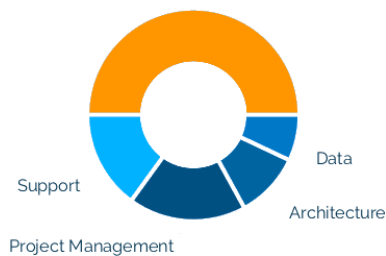
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Profile

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.

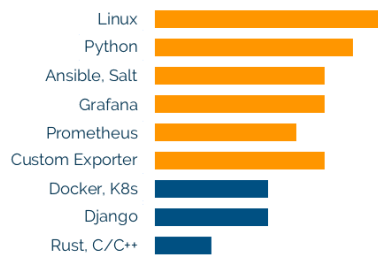
2006 - 2010

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](#)

For this spare time project, I developed a Tor network crawler and search engine practicing **Python** and **Docker**. 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.