

Boris TRAN

Devops, Project Manager, Architect

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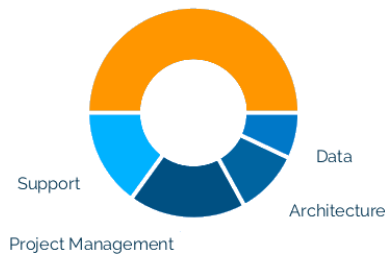
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Profile

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.

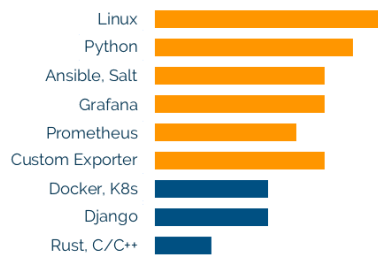
2006 - 2010

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.

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.