Xavier **BRASSOUD**

Cloud & DevOps Engineer
Master's degree: Telecommunications Networks Computing

🚗 Car • 🏍 Motorcycle
👪 July 27, 1995 • Chambéry, France
🌐 **French**, **English** and Polish

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WHY HIRE ME?

Open Source enthusiast, **automation** lover and **micro-services** breeder!

☺ **Enthusiastic** – In a good mood whatever the situation, I always keep smiling!

🤝 **Relational skills** – Sharing is a source of knowledge and inspiration. So let's discuss!

💡 **Creative** – I enjoy designing applications, thinking about sustainable architectures and solutions.

☆ **Passionate** – I travel whenever my IT or mechanical projects allow me to do so.

WORK

BXB SERVICES *- (Freelance) - Jan, 2024 to today*

- Creation of a sole proprietorship « BXB Services » with the aim of adding value to my skills through application development.
- Activities: freelancing, secondary income (advertising, subscriptions, affiliations).

CAPGEMINI *- (Cloud & DevOps engineer) - Sep 1, 2019 - Jan, 2024*

12 business sectors within my scope: energy, luxury goods, agri-food, government...

8 *Move to Cloud* transitions: existing context, homogenization, deployment.

1 *reporting* solution implemented, included in offers: **23** subscriber contracts.

3 Pre-sales for a customized reporting solution.

- Design of Docker-contained solutions (compose, SWARM and Kubernetes)
- Building integration pipelines (CI with GitHub Actions, Azure DevOps)
- Building deployment pipelines (CD with Ansible)
- Process automation (Selenium, Ansible)
- Development and architecture: REST API with Django, web portal with Angular
- Set-up of ETLs to collect data from various sources: CMDB, Supervision, databases
- Terraform deployments under Kubernetes or directly in CaaS mode under Azure, AWS and GCP
- Design of schematics: High-Level Design , Low-Level Design, Global Architecture Diagram
- Writing documentations: Technical Architecture Documentation, Operating Documentation

VOXITY *- (Intern) - May 1, 2016 - Aug 31, 2016 & Apr 1, 2017 - Aug 31, 2017*

- Development of a Windows WPF application in C# .NET 4.6 for telephone management (VOIP)
- Deployment of network and telecom infrastructures

TRANSDEV *- (Intern) – Jun, 2014 & Feb, 2015 – Apr, 2015*

- Service migration for server decommissioning
- Development of a printer management process.

SKILLS

CLOUD

Docker, Kubernetes - Segmentation of services into containers within a production infrastructure. Setting up containers to host test services during the development phase. Setting up microservices, such as authentication gateways.

🏷Harbor 🏷AWS Registry 🏷SWARM 🏷Compose 🏷HELM 🏷Argo CD 🏷KeyCloak

Git, Continuous Integration (CI) - Code versioning with automated testing (unit and integration tests), quality (lint, static analysis) and security (vulnerability scans) using GitHub, GitLab and/or Jenkins.

🏷Git 🏷Ansible 🏷GitHub 🏷GitHub-Actions 🏷GitLab 🏷Jenkins 🏷Azure-DevOps

IaC, Continuous Deployment (CD) - Terraform deployments on Kubernetes or directly in CaaS mode on Azure, AWS and GCP. Implementation of observability solutions (Prometheus) and cost evaluation (FinOps).

🏷Terraform 🏷Azure 🏷AWS 🏷GCP 🏷Prometheus 🏷FinOps

SYSTEMS
• Windows, Linux, OSX
• Scripting (Python)
• Monitoring
• Security (*Pentests*)

ADMINISTRATION
• Infrastructure architecture
• LAN and WAN routing
• Telephony SIP & T0/T2
• Performance audit

DEVELOPMENT
• Application design
• Databases
• OOP (.NET, Java, Go)
• Web (Angular, Django)

EDUCATION

MASTER'S DEGREE - *Magna Cum Laude • Sep 1, 2018 - Aug 31, 2021*

3-year studies over the 2018-2021 period at the Savoie Mont Blanc University (Chambéry, France) for the telecommunications, networks and computer science **master's degree**.

PROFESSIONAL BACHELOR'S DEGREE - *with honours • Jun, 2017*

Studies completed during the 2016-2017 year at the Grenoble Alpes University (Grenoble, France) for the Computer Network Mobility and Security (CNMS) **professional bachelor's degree**.

BTEC HIGHER NATIONAL DIPLOMATS - *with honours • Jun, 2015*

Studies completed at the Aristide Bergès High School (Grenoble, France), Computer Services for Organizations with a specialization in Infrastructure, Systems and Networking Solutions.

REFERENCES

CAPGEMINI MANAGER - *Raphaël MOTAIS DE NARBONNE*

Dear Sir/Madam,

I had the good fortune to be Xavier BRASSOUD's tutor and team leader. During these 3 years, I have witnessed his intrinsic qualities.
As a work-study student, he was the driving force behind the creation of a 3-tier application which is now integrated into all our pre-sales, as it sets us apart from our competitors.
From a technical point of view, he is one of our best developers on the following technologies: Django, Angular, Containerization, CI/CD.
On a human level, it's a real pleasure to work with Xavier. He's enterprising, innovative and a strong team player, always there to help his colleagues. He's a serious person who can be relied on to move complicated issues forward.
Please don't hesitate to contact me if you'd like to find out more about him.

Best regards

Raphaël MOTAIS DE NARBONNE