

Cover letter for the position :

Senior NodeJS + MongoDB Developer - Unagi

Firstly, thanks to the person who's taking time to read these lines.

I'm a Senior FullStack developer living in the south of France, seeking for new projects and working with some English speaking colleagues would be really appreciable.

I got my first master's degree in Astrophysics in 2015, it was an erasmus cursus, and that's where I learned English (among a lot of other things).

The moment I knew I wanted to learn a bit more of IT stuff was during my master's degree internship, where I did a lot of "bash scripting" (also for personnel use).

After that, I decided to get another master's degree, but in software engineering. This one was made in apprenticeship with the first company I've then worked for (OBS - Blagnac, Fr) for 3 years.

I started web development (React/Node) in my very first years of development. At this time, I was quite learning a lot, deploying some apps through ArgoCD (not managing it).

Then, I've started to work a bit more with infrastructure, and infrastructure as code (IaC), specifically working with aws-cdk (for AWS cloud) and with Terraform after that.

My very first project working with AWS was for a tiny startup, located in France. I had to entirely create (and improve) their infrastructure, but I wanted that code easily customizable, so that new developers would be able to tweak it as their needs evolve.

That's why I used "**aws-cdk**" to do so, the whole infrastructure was actually a "simple" TypeScript class.

Basically, dealing with some lambdas, API Gateway, RDS, and docker images through ECR and deployed either on EKS or using some ec2 instances (depending on the costs), among other things.

For that startup I also drove a migration from Notion to Jira, in order to get more data and KPIs about the progress of the projects.

I've also driven a migration from Rest API to use NestJS (both with JS to TypeScript migration), and fixed rules in frontend developments (use "Redux" with "rtk-lib" for example). I've also used "NextJS" to create some tiny products for this company.

We used Github actions as CI/CD pipelines in that company. The whole infrastructure was totally destroyed and recreated from scratch with an only push on the "main" Git branch. This was my very first "DevOps" project, and I must say that I loved it.

I then worked for 2 years at a company where we did a lot of Node/React developments, and we used AWS as a cloud provider also.

I was the person who had the best understanding of how that cloud worked, so I managed it for the team.

That's where I started deploying applications using Helm for example.

In this company (and in previous ones) we used Gitlab, specifically for Gitlab's CI/CD features, which are the best IMHO.

These past **8 years** of experience give me solid expertise about various subjects, such as **Back/Front development**, **CI/CD pipelines** establishments, working collaboration tools (such as **Jira**), many database systems (Google firestore db, Google realtime db, Postgres, MySQL, AWS RDS, MongoDB, etc...), some cloud providers **AWS** (a bit of Azure and **GCP**), and use of **laC** such as **Terraform** and "**aws-cdk**" (which creates Cloudformation code under the hood).

I am also currently passing some AWS and Kubernetes certifications/courses.

Thank you again for taking the time to read these lines, and if you need more detail about me, here are some useful links:

- Presentation : <https://ghyslainbruno.github.io/presentation>
- LinkedIn : <https://www.linkedin.com/in/ghyslainbruno>
- Gitlab : <https://gitlab.com/users/ghyslainbruno/projects>
- Mail : ghyslainbruno@gmail.com
- Phone : [+33 6 63 62 41 17](tel:+33663624117)
- Calendly : <https://calendly.com/ghyslainbruno>

Looking forward for your response,

Best regards,

Ghyslain BRUNO.