ah@fita.dev
+32 492 57 09 90

Adrien Horgnies
DevOps Freelance Consultant

FITA.DEV LLC
Rue du Pavillon 19/11
5002 Saint-Servais
BE0779690849
https://fita.dev

Experience

Swift | **DevOps Engineer** | **January 2022 to Present**

The Society for Worldwide Interbank Financial Telecommunication (SWIFT) manages telecommunication between banks and financial institutions. The service is used in 205 countries, facilitating transactions amounting to trillions of USD daily. It has the most stringent software security, availability, and reliability requirements.

I work on a project that aims to unify the technical requirements and qualities of all Swift projects. The platform I am involved with manages packaging, encryption, observability, resilience, and more. I focused on packaging and deploying this project alongside downstream projects. I contributed to the software by designing and implementing a network outage detection system using *Java*, *Spring*, and *Kafka*. I utilized *Maven*, *Helm*, *RPM*, and *Podman*/*Docker* to package software. I designed and implemented *Jenkins* pipelines to build, test, release, and deploy applications to *OpenShift Kubernetes*. My expertise on *Linux*, *Bash*, *Git*, and *Maven* enabled me to automate releases and generate reports necessary for audits.

Odoo | **Software Developer** | **October 2019 to December 2021**

Odoo assists in digitalizing companies by providing a comprehensive web platform. It includes modules such as accounting, sales, CRM, project management, timesheet tracking, and website creation.

I worked on the accounting and payment modules, eventually specializing in *performance optimization*. I utilized the in-house *Python* framework to add accounting support for Israel, Italy, and Sweden. Additionally, I resolved performance issues reported by clients. This involved reducing algorithm time complexity, enhancing the query plan of *SQL* queries, prefetching web components, increasing cache hit rates, and fixing unhandled exceptions.

Altissia International | **Web Developer** | **March 2015 to October 2019**

Altissia builds and maintains an online language learning platform. It primarily sells to institutions and businesses looking to train their employees. The platform is utilized by Erasmus+ and Wallangues.

I began by creating a *NodeJS* tool to generate new microservices following company conventions. I contributed to the *Spring Boot* backend and developed new APIs. Additionally, I integrated client authentication infrastructures into our *Spring Security* chain. My work primarily focused on improving the *MySQL* data schema. I analyzed migration scripts by visualizing test results with the *Python* library *Matplotlib*. To assist the overwhelmed frontend team, I learned *Angular 2* and helped create reusable components.

Skills

- DBMS: Kafka, MySQL, PostgreSQL, SQLite
- DevOps: Ansible, Git, Helm, Jenkins, Kubernetes, OpenShift
- Packaging: Docker, dpkg, GNU make, Maven, Podman, RPM
- Programming Languages: Bash, Java (Spring), Javascript, Golang, Python

Education

Master's degree in Computer Science	Université de Namur	2022
Bachelor's degree in IT and Management	IFOSUP	2019

Languages

- French: Native
- English: Fluent