

Contact

🏠 Working remotely – Brussels

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Skills

Languages

Clojure ●●●●●
ClojureScript ●●●●●
TypeScript ●●●●●
Go ●●●●●
Rust ●●●●●

Technologies

GraphQL ●●●●●
Node.js ●●●●●
Distributed DB ●●●●●
Kafka ●●●●●
Datomic ●●●●●
SQL ●●●●●
React ●●●●●

Ops

AWS ●●●●●
Terraform ●●●●●
Ansible ●●●●●
Linux/Shell ●●●●●
CI/CD ●●●●●

Work process

Testing ●●●●●
Agile/Scrum ●●●●●

GUILLAUME ALAUX

FULL-STACK/DATA CLOJURE(SCRIPT) AND DEVOPS ENGINEER

As a software engineer, I am able to understand a generic computer science problem, design and discuss solutions involving databases, distributed systems, custom developments and implement them. I can then write the infrastructure configuration to handle deployment, alerting, reporting and perform day to day production operations in a cloud infrastructure.

My daily work habits include writing simple (KISS) straightforward and efficient tested code, atomic commits and manageable sized pull requests as well as clear documentation. I may also spend time improving the team's tooling regarding code quality, automatic integration and delivery. I check that the software we work on includes reporting and alerting and I can take part in troubleshooting and fixing problems that inevitably arise in live environments. Depending on my position in the team I pair with team-mates to review code, learn or improve knowledge sharing.

Education

- **Master degree in Computer Sciences**
University of Tours, Tours – France | 2006

Experience

- **Clojure(Script) Senior Engineer**
Pixelated Noise | 09/2022 - 01/2023
 - Backend and frontend development of an in-house CMS architected in micro-services
 - Component, HoneySQL, Plumatic' Schema, Liberator, Re-frame, React web, Jenkins
- **Clojure(Script) Senior Engineer**
Zapflow – remote | 08/2021 - 08/2022
 - Development, spikes, advised the team with the architecture of the project and the infrastructure as code
 - Clojure(Script), Re-frame, Reagent, Mount, Datomic, AWS (CloudFormation), GitHub Actions
- **Personal break working on side Clojure/Datomic project**
| 11/2020 - 05/2021
 - Conception/architecture and development of a mobile application and its backend
 - Clojure(Script), Datomic, Re-frame, Reagent, React Native, Integrant, GraphQL, ANTLR, GitHub Actions
- **Backend Engineer in Clojure then TypeScript/Node.js**
Drest (online fashion industry) – remote | 03/2019 - 11/2020
 - As Clojure developer working with Cognitect: Clojure/ClojureScript, Datomic
 - As Backend Chapter Lead: TypeScript/Node.js, Apollo GraphQL, SQL
 - AWS (Lambda, DynamoDB, RDS, KMS, SQS), Terraform, Go, GitOps, CircleCI

Backend/Data Engineer in Clojure

S4M/Adikteev (Online ad business) – Paris, France | 01/2015 - 03/2019

- Microservice oriented ad-server and data processing
- Clojure, Kafka, Kafka Streams, Samza, Storm, Datomic, Cassandra, Marathon on Mesos, DC/OS, CircleCI

Backend/Data Engineer in Scala

BlueKiwi (Social Network) – Paris, France | 03/2013 - 12/2014

- Event driven micro service for statistics backend
- Scala, Play, MongoDB, Linux, Spark

Java/Python Developer

Multiple service companies – France | 03/2007 - 01/2013

Java web applications and Python integration and development

Projects

2010–2018

Arch Linux Developer

Linux distribution

Package management of Java related software (OpenJDK, Tomcat, ...)

2017–present

DevOps at SkateTillDeath.com

Online skateboard shop

- Terraform configuration for a multi environment shop on AWS (EC2, S3, route53, SES), GitOps
- Ansible configuration to deploy a PHP/SQL application on AWS (Prestashop, Nginx, php-fpm, mariaDB, postfix, fail2ban)

2020–present

CFAPP Clojure(Script) Developer

Personal project

- Conception, architecture and development of a mobile application and its backend
- Clojure(Script), Datomic, Re-frame, Reagent, React Native, Integrant, GraphQL, ANTLR, GitHub Actions