Contact

- ★ Working remotely Brussels
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Skills

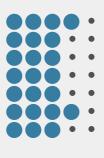
Languages

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 architectured 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, CircleCl

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, CircleCl

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