

Contact

🏠 Working remotely – Brussels

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Skills

Languages

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

Technologies

GraphQL	●●●●●
AWS	●●●●●
Node.js	●●●●●
Linux/Shell	●●●●●
Distributed DB	●●●●●
Kafka	●●●●●
Datomic	●●●●●
SQL	●●●●●
React	●●●●●

Ops

Terraform	●●●●●
Ansible	●●●●●

Work process

Testing	●●●●●
CI/CD	●●●●●
Agile/Scrum	●●●●●

GUILLAUME ALAUX

BACKEND/DATA ENGINEER

Profile

I am a backend and data engineer with ops skills and some interest in front-end development. I am able to understand a general computer science problem with potential scalability issues, design and discuss solutions potentially involving distributed systems and databases and implement them in a professional fashion.

This usually means:

- developing proof of concepts
- setting up initial projects, CI/CD, ...
- coding features with their different test families
- writing deployment code for a cloud infrastructure
- incrementally adding and fixing the initial result
- reporting and communicating on work done and to be done

My daily work habits include ensuring I write simple clear and efficient tested code, version and document it, set or improve the team's tooling regarding code quality, automatic delivery and deployment. I also check the software I work on include reporting and alerting and I regularly troubleshoot and fix problems that arise in live environments. Depending on my position in the team I pair with team-mates, submit/review code or simply try to learn as much as possible or improve knowledge sharing.

I am interested in Clojure, TypeScript/Node.js, Go, Rust backend/data long-term projects and work as a contractor. I do not wish to work with Java nor Scala anymore.

Education

- **Master degree in Computer Sciences**
[University of Tours, Tours – France | 2006](#)

Experience

- **Personal training**
[Home | 11/2020 - Present](#)
 - Node.js/TypeScript, GraphQL, React
 - Ansible, Terraform, AWS
- **Backend engineer in Clojure then TypeScript/Node.js**
[Drest \(online fashion industry\) – remote | 01/2019 - 11/2020](#)
 - As Backend Chapter Lead: TypeScript/Node.js, GraphQL, SQL, AWS (Lambda, DynamoDB, RDS, KMS, SQS), Terraform, Go
 - As Clojure developer working with Cognitect: Clojure/ClojureScript, Datomic, AWS
- **Backend/data engineer in Clojure**
[Adikteev \(Online ad business\) – Paris, France | 10/2016 - 01/2019](#)
 - Ad server application and streaming jobs using Clojure, Datomic, Cassandra, Kafka, Samza
 - Migration of a Scala application to Clojure/Datomic

Backend/data engineer in Clojure

S4M – Paris, France | 01/2015 - 10/2016

- Storm topology in Clojure reading from and to Kafka in Avro
- REST micro services
- Docker containers, Chef cookbooks for micro services, CI

Backend/Data engineer in Scala

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

- Event driven micro service for statistics backend in Scala Play!, MongoDB

Personal training in Java EE

Home | 09/2012 - 01/2013

- Java EE, JMX, RMI, OpenJPA, Hibernate, H2, Cassandra, Thrift, ProtoBuf
- Play! Cassandra webapp

Java developer

Société Générale (French Bank) – Paris, France | 10/2011 - 09/2012

- Marketing websites in Java EE, Wicket, Spring, JMS, Maven, SVN, Eclipse, Scrum

Python/JS developer and Open Source level 3 support

Linagora (Open Source services) – Paris, France | 10/2009 - 06/2011

- Open Source Developer in JavaScript/XUL
- Level 3 Support and guidance to companies using Open Source regarding configuration, deployment, migrations, evolutions, bug corrections on Linux

Python integrator

Sungard (Banking services) – Sydney, Australia | 12/2008 - 06/2009

- Bank back-office software integration for clients

Java Web developer

Apside (Service company) – Tours, France | 03/2007 - 09/2008

- Java web applications in Java EE 5, JSF, JPA, JDBC
- Web services with SOAP, XML/HTTP, Oracle, Hibernate, Junit

Interests



Open Source

Former Arch Linux official packager (2010 – 2018)



Sport & nutrition



French Middle Age history