

LOÏC A. GOMBEAUD

SOFTWARE ENGINEER 📞 +33 (0) 7 67 77 52 07

◦ DETAILS ◦

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loic.antoinegombeaud@gmail.com

◦ SKILLS ◦

Microsoft Azure

Kubernetes

Terraform

Hadoop

Python

AWS

& more

◦ LANGUAGES ◦

French

English

German

Italian

◦ LINKS ◦

[GitHub](#)

[LinkedIn](#)

👤 PROFILE

- Software Engineer with experience in DevOps & Data Engineering

📁 EMPLOYMENT HISTORY

◦ DevOps Consultant at Systra, Paris

February 2022 — Present

audit and collection of requirements of a container-based infrastructure

redaction of an improvement proposal

kick-off implementation of proposal

◦ Head of Infrastructure at FLOA Bank, Bordeaux

October 2020 — October 2021

design and implementation of a micro-services architecture (Kubernetes, App Services)

uniformisation of CI/CD processes across all teams (GitLab CI, Docker, Python)

automation of infrastructure provisioning (GitLab CI, Terraform)

setup and configuration of an API manager (Tyk)

standardization of Docker images generation

configuration of a Kubernetes cluster to distribute data science workloads (Dataiku)

management of the 4-person infrastructure team

◦ DevOps Engineer at Dekra, Bordeaux

July 2019 — June 2020

automation of infrastructure provisioning with Terraform

management of infrastructure on Microsoft Azure

set-up of the CI/CD chain on GitLab CI

dockerization of the build and run environments

orchestration of the various environements on Kubernetes

automation of deployment with Kustomize

◦ DevOps Engineer at La Française des Jeux, Boulogne-Billancourt

January 2019 — April 2019

installation and maintenance of CI tools on a Docker Swarm cluster: Nexus, Sonar, Jenkins, GitLab

creation and maintenance of Jenkins jobs to build & release apps (npm, iOS, Android)

standardisation of tools, naming conventions and processes

◦ Data Engineer at Zalando, Berlin

October 2018 — December 2018

design, implementation and deployment of Machine Learning pipelines, using AWS SageMaker and Docker

data science & engineering consulting for analytics and forecast teams

maintenance and monitoring of JupyterHub on a Kubernetes cluster

○ **DevOps Engineer at HERE Maps, Berlin**

January 2018 — August 2018

dockerization of build and test jobs for a node.js application
package and release npm packages
management of the Jenkins cluster running the build and test jobs
support the developer team by providing the CI/CD infrastructure
maintain and own underlying infrastructure (AWS)

○ **Data Engineer at mobile.de (eBay group), Berlin**

July 2017 — September 2017

set-up and configuration from scratch of a Druid database cluster (real-time analytics), using Terraform & Salt to provision and configure OpenStack VMs
monitoring (Graphite) and fine-tuning of other tools for the BI team: Kafka and Spark clusters

○ **Full-Stack Developer at Fliit, Berlin**

February 2017 — March 2017

architectural design of the technical platform to be built, based on micro-services
implementation of the first micro-services as a series of Rails applications

○ **DevOps Engineer at audibene, Berlin**

June 2016 — December 2016

provisioning (from scratch) of an Elastic Beanstalk application via CloudFormation
set-up of CloudFront distributions for static HTML applications
configuration of Jenkins jobs to build and deploy the backend and frontend applications
security: set-up of end-to-end encryption from client to EC2, encrypted databases with SSL-only access, strict security groups, CloudTrail audit and logs, and compliance to HIPAA standards

○ **DevOps Engineer (freelance) at foodpanda, Berlin**

March 2016 — August 2016

provisioning of AWS infrastructure with CloudFormation
development and maintenance of Puppet code for nginx/Symfony and nodejs applications
decoupling of infrastructure per project team, in order to give developers more autonomy and responsibility over their stacks

○ **DevOps Engineer (employee) at foodpanda, Berlin**

December 2014 — January 2016

configuration via Puppet of Ubuntu EC2s
provisioning via CloudFormation of AWS infrastructure, including load-based auto-scaling
setup of a deployment pipeline (GitHub hooks, Travis, AWS Lambda, AWS Elastic Beanstalk)
setup of an Elastic MapReduce cluster via CloudFormation + AWS Data Pipeline
development of Hadoop jobs in Java
setup and maintenance of DNS records and FW rules (CloudFlare)

Software Engineer at Datamonk, Berlin

October 2013 — August 2014

creation of a CI / CD pipeline (BitBucket hooks, Jenkins, Maven repo, Chef)

design of a database system to index and query data in real-time (Cassandra, MySQL)

development of Hadoop jobs (Java)

migration from bare-metal to AWS

introduction of Chef for configuration management

introduction of version control (Git)

BI Engineer at Plinga, Berlin

April 2013 — October 2013

Responsible for the technical aspects of Business Analytics:

- consolidated data generated by >50 million monthly users
- wrote and automated execution of queries (HiveQL) for a Hadoop database
- worked closely with business analysts to develop new KPIs and improve on the existing
- extended and maintained the Web app displaying the KPIs

DevOps Engineer at Plinga, Berlin

November 2012 — March 2013

migration from Eucalyptus (AWS clone) to bare-metal

introduction of Chef for configuration management

contact person for the IT team: company-wide collection of bugs and requests, investigation and dispatch if needed

👤 INTERNSHIPS

Web Developer at Pearltrees, Paris

January 2012 — August 2012

implementation of the mobile HTML views using jQuery

development of features within a Flex application (Flash)

conception and implementation of premium features within a Java/Tomcat application

development and optimisation of background maintenance tasks

Web Developer at Plinga, Berlin

June 2011 — September 2011

integration of social games on various social networks: PHP / MySQL backend, jQuery frontend

creation of an FAQ generator: Google Spreadsheets to HTML

installation and configuration of OTRS (ticketing system)

🎓 EDUCATION

Société Philomathique de Bordeaux

September 2019 — June 2020

CAP menuiserie

Mines ParisTech, Paris

September 2008 — June 2012

Masters of Science in Computer Science and Applied Mathematics

o **Lycée Sainte-Geneviève, Versailles**

September 2006 — June 2008

MPSI - MP*

CPGE (Classes Préatoires aux Grandes Écoles)