

# LOÏC A. GOMBEAUD

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

## ◦ DETAILS ◦

+33 (0) 7 67 77 52 07

[loic.antoinegombeaud@gmail.com](mailto:loic.antoinegombeaud@gmail.com)

## ◦ SKILLS ◦

Amazon Web Services

Microsoft Azure

Kubernetes

Terraform

Hadoop

& more

## ◦ LANGUAGES ◦

French

English

German

Italian

## ◦ LINKS ◦

[GitHub](#)

[LinkedIn](#)

## 👤 PROFILE

- Software Engineer with experience in Data & DevOps Engineering

## 📁 EMPLOYMENT HISTORY

### ◦ 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 Cassandra + MySQL database system to index and query data in real-time (5ms)

ETL pipeline for said database system

development of Hadoop jobs (Java)

development of a Java tool to fetch mobile application metadata

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

### **Lycée Sainte-Geneviève, Versailles**

September 2006 — June 2008

MPSI - MP\*

CPGE (Classes Prépatrices aux Grandes Écoles)