



Jean-Philippe Roemer

DevOps Engineer

24 years old

contact

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nationality

french

languages

french mother tongue
english fluency

programming

♥ Shell, Go
Python, C & C++

devops

♥ Docker, Linux
Elasticsearch
CI/CD, AWS

education

- 2015–2017 **Master** of Information Technology EPITECH, Paris, France
- 2015–2016 **MSc** in Computer Security The University of Kent, Canterbury, United Kingdom
Research Paper: Docker on IoT: an investigation in how Docker can be used to facilitate IoT software deployment including an experimentation which uses Blockchain technology for storage and cluster management.
- 2012–2015 **Bachelor** of Information Technology EPITECH, Strasbourg, France
- 2012 **Baccalaureat** Scientifique (equiv. A Level) Lycée Xavier Marmier, Pontarlier, France

experience

- Since Aug. **Emotech** London, United Kingdom
2018 *DevOps Engineer (Current)*
Setup of a completely new AWS environment used for the deployments of cloud services based on three interconnected VPCs with gated endpoints (using NAT, load balancers and VPNs).
Creation and management of a logging pipeline based on Elasticsearch used to monitor cloud services and embedded devices.
Responsibilities also included securing embedded devices based on Linux as well as developing custom solutions in Go for the development team.
Technologies: AWS, Docker, Rancher, Linux, Go, Elasticsearch, PostgreSQL
- 2015–2018 **Blippar** London, United Kingdom
DevOps Engineer (3.5 years, incl. 1 year part-time)
Creation a Docker based cloud-infrastructure used to manage day-to-day deployments in multiples datacenters accross the world.
Setup of a complete ecosystem around it including a CI/CD pipeline using Drone and a global logging and monitoring system based on the ELK Stack.
Day-to-day management of said infrastructure as well as multiple databases (MongoDB and Elasticsearch mainly).
Technologies: AWS, Docker, Rancher, Linux, Drone, MongoDB, Elasticsearch, Cassandra, Go, Shell Scripting
- 2014–2015 **EPITECH** Strasbourg, France
Teaching Assistant (Part-Time, 1 year)
Part-time internship made during my second and third year at EPITECH where I had to assist students during their practicals while also managing the local IT infrastructure on which relied a lot of management tools.
Technologies: C, C++, Linux, LXC, MySQL, Shell Scripting
- 2013 **DBA-Software** Mulhouse, France
Python Developer Intern (6 months)
End of first year internship where I worked in a two man team on the development of an embedded video broadcast system for the Raspberry Pi 1.
Technologies: Python, Linux, QT, FFMpeg, Shell Scripting

interests

- professional** linux, docker, cloud architecture, ci/cd, automation, programming
- personal** video games, 3d printing, home automation & electronics