

Philippe Gaultier

I am a Software Engineer and DevOps focusing on delivering *simple*, high quality software that's easy to understand, deploy, and troubleshoot.

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Experience

Back-end Software Engineer & DevOps *PPRO, Munich, Germany; 2017-present*

I write and deploy end-to-end Fintech web services that serve millions of customers worldwide with billions of euros in transaction volume, in a variety of tech stacks (*Go, C++, Kotlin, Docker, Kubernetes, Terraform*), with high availability and regulatory constraints. I also help moving multiple services from the data center to the cloud without disruption or customers even noticing. Lately, I have been moving more and more to DevOps & SRE responsibilities such as adding logging, metrics, alerting, distributed tracing and performance monitoring to existing software in order to increase their reliability, as well as guaranteeing SLAs crucial to the business. I do on-call for business critical services, and I also conduct technical interviews.

Full-stack Software Engineer *EdgeLab, Lausanne, Switzerland; 2015-2017*

I joined a Fintech startup and helped the product (risk analytics & investment decision making application) go to the next level by introducing internationalization, OAuth, Continuous Integration, and upgrading to the latest language standards (*ECMAScript 6, C++14*). The startup was later acquired by a major Swiss bank for a 8 digit number.

CRNS Intern Software Engineer experimenting with Oculus Rift (VR) *CNRS, Strasbourg, France; 2014*

3D Oculus Rift (virtual reality) visualization software of astronomical data for pedagogical and research purposes in *C, C++* and *OpenGL 3.3*.

Intern Software Engineer *Crédit Mutuel (Bank), Strasbourg, France; 2013*

I migrated a *COBOL* mainframe accounting application to a *C#* web application with some new parts in *COBOL* for one of the biggest banks in the country (please don't hire me for a COBOL job).

Technical experience

2013-Present **AWS, Docker** 15+ production applications delivered.

- 2018-Present **Kafka, Kubernetes** 10+ production applications delivered.
- 2018-Present **Go** Multiple performant production applications in Go delivered.
- 2011-Present **C & C++**: Worked on lots of small side projects and big, long-lived production applications.
- 2016-Present **Rust**: Enthusiast with several open-source projects to my belt. I would love to work on Rust projects for a living!
- Solid knowledge of **x64 assembly, Awk, Shell, Terraform, Python (2/3), JVM**. I worked on small and big production applications in those languages, but I don't see myself working full-time with those.

Education

- 2018-Present **Several trainings and workshops by AWS**
- 2012-2015 **Masters in Computer Science & Engineering Degree** *ENSIIE, Strasbourg, France*
- 2010-2012 **Higher School Preparatory Classes** *Lycée Kléber, Strasbourg, France*
- 2007-2012 **Abibac (dual French & German Highschool Diploma)** *Belfort, France*

Hobbies

- Languages: French (native), English (fluent), German (fluent), Bavarian (adept)
- Weightlifting
- Philology
- Cinema