

Philippe Gaultier

I am a Software Engineer focusing on delivering *simple*, high quality software that one can easily deploy, troubleshoot and maintain. I also take a big interest in DevOps and in enabling all the above for my team and my organization in a *predictable, automated* fashion, using modern tools.

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Experience

Full-stack Software Engineer *PPRO, Munich, Germany; 2017-present*

I write and deploy end-to-end Fintech web services that help making millions of transactions for billions of euros, in a variety of tech stacks (*C++, Kotlin, Typescript, Docker, Kubernetes*). I also helped moving multiple services from the data center to the cloud without disruption.

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*).

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

3D Oculus Rift (virtual reality) visualization software of astronomical data for children & researchers in *C, C++* and *OpenGL*.

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

I migrated a *COBOL* mainframe accounting application to a *C#* web application.

Technical experience

Libprom A pure *C* library to parse Prometheus (monitoring software) metrics in a text format, with no dependencies. This allows any software with *C* interoperability to consume the metrics produced by applications in the Prometheus format. It comes with a Prometheus format to YAML CLI converter as an example.

Programming Languages

C++: Professional experience including the latest standards

C: Professional experience including the latest standards

JavaScript, Typescript: Professional experience including the latest standards and the mainstream libraries (React, Redux)

Basic knowledge of x86 assembly, Awk, Shell, Clojure, Kotlin

Education

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 (proficient), German (proficient), Bavarian (adept)
- Weightlifting
- Philology