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