

# Yoann Chamillard

## Software Engineer

### Infos

Full driving licence A,B

Paris, France


International mobility.

Legally authorized to work in Canada (working holiday visa).

+33 670525552

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LinkedIn 

GitHub 



**French** (native)

**English** (C1,Bulats)

**German** (B1)

**Korean** (A1-2)

Always eager to learn and improve, I love to share and communicate. After a successful first experience as a software engineer I am looking for new challenges!

### IT-Skills

#### • Databases

★★★★★ **MySQL**  
★★★★★ **PostgreSQL**  
★★★★★ **MongoDB**  
★★★★★ **SQLite**  
★★★★★ **Firebase**

Store/Firestore/Realtime

#### • Web Development

★★★★★ **HTML,CSS**  
SCSS/SASS  
★★★★★ **JavaScript**  
Vue.js, Node.js

#### • Others

★★★★★ **Bash**  
★★★★★ **Jira**  
★★★★★ **Regex**  
★★★★★ **Office**

#### • Back-end / Server

★★★★★ **C#**  
★★★★★ **Python**  
Flask, Django, FastAPI,  
SQLAlchemy, PyMongo,  
PyTest, Numpy, Uvicorn,  
Pydantic, Requests

#### ★★★★★ **Node.js**

Express.js, Bcrypt  
★★★★★ **Java**  
★★★★★ **Nginx,Apache**  
★★★★★ **Rest API**  
OpenAPI standard

#### • Authentication

★★★★★ **JWT Auth**  
★★★★★ **Firebase**

#### • Mobile Development

★★★★★ **Kotlin**  
Room, Firebase, Gson,  
Jetpack Compose,  
Retrofit, MVVM,  
Coroutine

#### ★★★★★ **Flutter**

★★★★★ **Android**

#### • Devops, CI/CD

★★★★★ **Git / GitLab**  
★★★★★ **Docker**  
★★★★★ **Jenkins**  
★★★★★ **Selenium**  
★★★★★ **Cron**

### Work Experience

09/24 - Today **Software Engineer**

TopSolid, Paris, FR

Post-processors development in: C# (.Net)

- Develop from scratch CNC machines, 6 axes robots and 2D/3D laser cutting machines post-processors in C# (.Net), G-code (Fanuc), ... + customization layer in proprietary language for our integrators.
- Write documentations and specifications.
- Test and fine-tune in production on customer site.
- Write scripts and automations.
- Install and configure test/machining simulation virtual machines.
- Ensure technical support for customers and improve existing post-processors.

04/24 - 09/24 **Web & mobile developer**

Training and job hunting, Paris, FR

Training and personal projects in : Kotlin, Python, Javascript

10/22 - 03/24 **Web & mobile developer**

Synapsun, Lyon, FR

Full stack web & Android mobile developments: Flutter, Python

11/19 - 04/22 **R&D Engineer**

Böllhoff, Chambéry, FR

Automotive Mechatronic Product design & development

11/16 - 09/19 **Automotive Design Engineer**

Renault, Vélizy, FR

Underbody & Engine Compartment Design & Architecture

### Education - Certifications

09/22 - 08/23 **Bachelor Degree in Software Design & Development**

EPSi, Lyon, FR

Minor: Data/AI; 09/23: Government Skill Certification

06/22 - 08/22 **Web Developer Formation**

Epitech, Paris, FR

09/13 - 08/16 **Master degree in Mechanical Systems Engineering**

UTT, Troyes, FR

Minor: Environmental Design & Industrialization

09/11 - 06/13 **2-Year Degree in Mechanical Engineering**

IUT, Troyes, FR

### Strengths

- Teamwork
- Curiosity/Creativity
- Initiative
- Organization
- Adaptability

### Mechanical Skills

- CAD  
Catia, Creo, TopSolid
- CAM  
TopSolid
- PDM  
NewPDM, Windchill, TopSolid
- FEM / CAE  
Ansys, Abaqus, Hyperworks
- 3D Printing

### Hobbies

- Hiking
- Music / Concerts
- Cycling, Motorcycling
- Photography
- Traveling

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- French robotic cup: Design, Build and program a robot.