



# Yoann Chamillard

## Software Developer

Engineer by training (France, CTI-accredited), now working as a software developer with a strong engineering mindset. Always eager to learn and improve, I am now looking for new challenges!

### 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)

### 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

### IT-Skills

- 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
- Devops, CI/CD
  - ★★★★★ Git / GitLab
  - ★★★★★ Docker
  - ★★★★★ Jenkins
  - ★★★★★ Selenium
  - ★★★★★ Cron
- Web Development
  - ★★★★★ HTML, CSS
  - SCSS/SASS
  - ★★★★★ JavaScript  
Vue.js, Node.js
- Authentication
  - ★★★★★ JWT Auth
  - ★★★★★ Firebase
- Databases
  - ★★★★★ MySQL
  - ★★★★★ PostgreSQL
  - ★★★★★ MongoDB
  - ★★★★★ SQLite
  - ★★★★★ Firebase  
Store/Firestore/Realtime
- Others
  - ★★★★★ Bash
  - ★★★★★ Jira
  - ★★★★★ Regex
  - ★★★★★ Office

### 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

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

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