

# Yoann Chamillard

## Software Developer

### Infos

Full driving licence

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Legally authorized to work in Canada.

y.chamillard.pro@gmail.com

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

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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!

### IT-Skills

- Databases
  - ★★★★★ MySQL
  - ★★★★★ PostgreSQL
  - ★★★★★ MongoDB
  - ★★★★★ SQLite
  - ★★★★★ FirebaseStore/Firestore/Realtime
- Web Development
  - ★★★★★ HTML,CSS
  - ★★★★★ SCSS/SASS
  - ★★★★★ JavaScriptVue.js, Node.js
- Others
  - ★★★★★ Bash
  - ★★★★★ Jira
  - ★★★★★ Regex
  - ★★★★★ Office
- Back-end / Server
  - ★★★★★ C#
  - ★★★★★ PythonFlask, Django, FastAPI, SQLAlchemy, PyMongo, PyTest, Numpy, Uvicorn, Pydantic, Requests
- Mobile Development
  - ★★★★★ KotlinRoom, Firebase, Gson, Jetpack Compose, Retrofit, MVVM, Coroutine
- Devops, CI/CD
  - ★★★★★ Flutter
  - ★★★★★ Android
- Authentication
  - ★★★★★ Node.js
  - ★★★★★ Express.js, Bcrypt
  - ★★★★★ Java
  - ★★★★★ Nginx,Apache
  - ★★★★★ Rest API
  - ★★★★★ OpenAPI standard
  - ★★★★★ JWT Auth
  - ★★★★★ Firebase
- 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*

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