



# YoannChamillard

## 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!

### IT-Skills

- Databases
  - ★★★★★ MySQL
  - ★★★★★ PostgreSQL
  - ★★★★★ MongoDB
  - ★★★★★ SQLite
  - ★★★★★ Firebase
- 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
- Mobile Development
  - ★★★★★ Kotlin
  - Room, Firebase, Gson, Jetpack Compose, Retrofit, MVVM, Coroutine
- Devops, CI/CD
  - ★★★★★ Flutter
  - ★★★★★ Android
- Authentication
  - ★★★★★ JWT Auth
  - ★★★★★ Firebase

### 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

### Infos

Full driving licence A,B

Paris, France

International mobility.

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

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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

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

IUT, *Troyes, FR*

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