



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

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Legally authorized to work in Canada.

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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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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.