



Tom VAUTRAY

Full-Stack & DevOps Software Engineer

Professional summary

Full-Stack Software Engineer, **DevOps** & **architect** with **5 years** of experience. Proven ability to **design, develop, and deploy scalable applications** from concept to production. Strong background in **backend, API development, frontend and frameworks**. Experienced in **Agile teams**. Successfully **deployed an internal QA tool that tripled testing speed during major campaigns**. Passionate about **clean architecture**, and building **efficient software solutions**. Open to **relocation**.

Professional experiences

2022 - now

Full-Stack Software Engineer & DevOps | **Thales** (France, Open to **Relocation**)

- Developed a regression testing application using Shell scripting, **Spring Boot**, Angular, **Docker** & Jacoco
- Frontend Development: TypeScript **React** project with MobX & DeckGL, and several TypeScript **Angular** projects
- Working in a team with **Agile** method

2019 - 2022

Software developer: JHipster/Spring-Boot/Java & React Product design software

Software developer: WAMP/PHP Create/Read/Update/delete (CRUD) app

ISEN ITII Apprentice at **Lapp Muller**

- Programming a solution for a specific need (designing cables)

2019

Software developer: WAMP/PHP - Ticketing Software at **La Croix-Valmer's Town Hall**

- Direct interaction with a non-technical client

Projects

Regressions Detection Tool

Built from **Concept** to **Production**.

Developed and **deployed** a regression analysis tool to detect apps defects from commit diffs. **Sole developer** responsible for frontend (Angular), backend (**Spring Boot**), DevOps & deployment (Docker). **Collaborated** with QA engineers to define **functional requirements** and optimize workflows, **tripling testing speed** during major campaigns. **Successfully deployed** the tool on the company's network.

Educations

2019 - 2022

Engineer by apprenticeship

Master's Degree in Engineering, specialized in Industrial IT from **ISEN**, an institution **accredited** by the **French Engineering Title Commission (CTI)**.

This program integrates **academic studies** with **professional experience** through the ITII partnership.

- Managing a developers team (school class) with GitKraken & GitHub
- Developing expertise through hands-on projects and coursework

2017 - 2019

Aix-Marseille University (AMU):

French diploma comparable to an **Associate Degree** in Electrical **Engineering** and **Computer Science**, typically awarded after two yrs of post-secondary education in the American system

- Discovering programming as a passion

Centers of interest

Snowboarding (@smow.hawk on instagram)

Programming (See my projects on my [GitHub](#))

Making **origamis** (I am **meticulous**)

Climbing (Makes me find **solutions** with **others'** advice)

Playing **drums** (Working with a **team** is important for me)

26 years old

International mobility

Open to Relocation

French Nationality
(EU Work Permit Ready)

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[LinkedIn \(link\)](#)

[GitHub \(link\)](#)

[Latest PDF Resume \(link\)](#)

Languages

► French
Mother language

► English
935 / 990 (~C1) on TOEIC

► Spanish
Regular practice (B2)

► German
Beginner (pre-A1)

Skills

Frontend

9 mo TypeScript **Angular**
9 mo TypeScript **React**
9 mo MobX
9 mo DeckGL
3 mo ThreeJS

Backend

3 yrs **Design patterns**
3 yrs **Java & Spring-Boot**
3 yrs **REST APIs**
4 mo **Microservices**
6 mo JHipster
8 mo Python
1 yr C++
1.5 yrs PostgreSQL & MySQL
1 yr PHP

DevOps

2 yrs **GitFlow**
1 yr **Git CLI**
2 yrs **GitKraken**
3 mo **GitHub Actions & CI/CD**
8 mo **Docker** & Kubernetes
9 mo **CI/CD & Shell** scripting
9 mo **Nexus** administration

AI / Data

1.5 yr Feature Engineering
1 mo LLM Agents
[\[certificate link\]](#)