Alexi Gallonet

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Computer Engineering Student (Masters level) | Software Engineering Intern (Apprenticeship Program)

Experience

PI System Automation – Galilé Group 2024 – Present
Software Engineering Intern (Apprenticeship Program) *France*
– Contributed to the development of an industrial system for **subway tire pressure monitoring**
– Developed and maintained **C++ / Qt** components used in a real railway environment
– Worked on projects involving **embedded systems**, **web technologies**, and industrial software

isiTecc 2022 – 2024
Full-Stack Developer (Intern & Apprentice) *France*
– Developed web applications on an industrial Smart Portal platform
– Built features using **ASP.NET**, **React.js / React Native**, and **SQL**
– Participated in the design and integration of IT solutions for industrial clients
– Worked in an **Agile (SCRUM)** environment within a digital services company

Technical Skills

Programming Languages: JavaScript, TypeScript, C++, Python, C#
Frameworks: React.js, Qt, Vue.js, ASP.NET, Symfony, Flutter
Databases: PostgreSQL (SQL), MongoDB, Redis
Tools & DevOps: Git, Docker

Projects

Note Finder 2025
Music Recognition Web & Mobile App
– Shazam-like application implementing audio signal processing techniques
– Stack: **Vue.js, Python, PostgreSQL**

Comics More 2023
Online Comic Reading Platform
– Web platform with a credit-based payment system for reading comics online
– Stack: **Vue.js, Symfony, HTML, CSS**

Education

ISIMA – Clermont Auvergne INP 2024 – Present
Engineering Degree in Computer Science (Masters level, Apprenticeship Program) *France*
– Software engineering, application development, and system design
– Coursework and projects in **IoT**, **data science**, and **AI**
– Introduction to **cybersecurity** and advanced computer engineering topics

IUT UCA 2021 – 2024
Bachelor of Science in Computer Science *France*
– Software development, web technologies, and computer graphics
– Projects involving **3D modeling**, image synthesis, and programming

Languages

French (Native) | English (B2) | Spanish (Basic)