




Louis Painter

Software engineering student

 louis-painter

 louipa

Contact

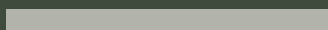
Phone

(+33) 

Email



Address


FRANCE

Education

2023 - today (*expected graduation 2026*)

Software Engineering Degree
IMT Atlantique, Nantes, FRANCE

2021 - 2023

BTEC Higher National Diploma
University of Nantes, FRANCE

Expertise

- **Programming Languages** : TS, Python, Java/Kotlin, Golang
- **Frameworks** : React, Spring
- **Database** : MySQL, OracleSQL, MongoDB
- **Tools** : Git, Turbo, JetBrains suite, Jira, Confluence
- **Systems** : GNU-Linux Fedora/Debian, Windows, macOS
- **Others** : Sonal

Languages

French
native

English
fluent

Professional Summary

Engineering student with experience building **web apps** and real-time monitoring tools using Java, MongoDB, Spring, and TypeScript. Skilled in **Agile methods**, API integration, accessibility, and creative **front-end development**. Past projects focus on scalable systems and sustainable solutions. Keen to contribute to **innovative, efficient, and inclusive technologies** across diverse industries.

Experience

○ **2023 - today** *in partnership with IMT Atlantique*

Dametis I 9 Vaucanson St., Angers

Software Engineering Apprenticeship

- Designing and integrating APIs to facilitate real-time data acquisition from industrial equipment (e.g., BACnet, Modbus)
- Analysing, Designing, Implementing and Testing Proof of Concepts (POCs) for monitoring energy consumption and detecting anomalies
- Gained expertise in energy efficiency, data acquisition protocols, project management, and collaboration with energy experts
- Developed a dynamic heatmap to visualize the Energy Efficiency Ratio (EER) across multiple industrial sites, using TypeScript and data visualization libraries

○ **April - June 2023**

U Iris I Pleiades Pl., Nantes

Software Developer Internship

- Developed a visual tracking dashboard using Java, BigQuery, and a microservices architecture
- Analyzed, designed, and implemented a system for tracking visual media through publication workflows
- Gained skills in troubleshooting, system optimization, and cross-functional collaboration with IT teams
- Created and integrated REST APIs for retrieving visual media from a Digital Asset Management system (DAM), and processing data through a centralized exchange platform

Hobbies and Interests

Playing the piano



Crochet



Gardening



Video Games

