



Tanguy Le Loch

Software Developer



Job experiences

2023 - Present (1 year)

Full Stack Developer

Alpega TMS (Austrian Logistics company)
Working on a big transportation management system with over 30M LoC, I became a reference for the new Ocean Booking feature. Reduced development cycle time by ~90% through JBoss server optimization for 15+ developers. Collaborated with 20+ developers across 5 international offices. Worked on integration with GLS, INTTRA, and other logistics systems.

Java 17 ■ Angular ■ PL/SQL ■ Oracle DB

2022 - 2023 (1 year)

Backend Developer

Universign
Backend development for an e-signature solution. We used modern techniques like hexagonal architecture, DDD, trunk-based development, and continuous integration with backward-compatible APIs. Maintained 99.99% API uptime while handling 10,000+ daily e-signatures. Part of 2 cross-functional squads (8 developers total) delivering API updates for registration and transaction services.

Java 8 ■ Rest doc ■ Spring ■ MongoDB ■ Maven

2021-2022 (1.5 year)

Backend Developer

triPica
Backend development for a real-time utilities/telcos BSS platform serving 500,000+ customers. As developer on-call, maintained 100% SLA compliance while resolving production incidents. Successfully migrated a major B2B customer.

Java 17 ■ OpenAPI V3 ■ Spring ■ Hibernate ■ Maven

2020 - 2021 (1 year)

Backend Developer

Sopra Steria
Backend development for a master data management system used as the central piece of one of the largest information systems in France.

The information system was so extensive that we had to operate within a SAFe Agile methodology.

EBX5 ■ Java 8 ■ Swagger V2 ■ Spring ■ Hibernate ■ Maven



Projects

Ftax - On-chain Profit Calculator

Ftax is a tool I developed for calculating profit and losses of on-chain transactions, using Java Spring and Angular to provide accurate financial insights of blockchain transactions.

Java ■ Spring ■ Angular ■ Etherscan interfacing ■ MySQL

Grid Trading Bot

The bot uses grid trading to profit from price variations. I developed it with NestJs, TypeScript, and a microservice architecture. It's running on a VPS with real money, so security is a top priority.

Nestjs ■ MongoDB ■ Nodejs ■ Binance and Mexc interfacing ■ Discordjs

Front Run Trading Bot

I built a bot that profits by front-running large transactions by using the sandwich strategy. This project allowed me to dive deeper into blockchain behavior, particularly mempool dynamics and gas fee mechanics.

Web3.js ■ Nodejs ■ MongoDB ■ Solidity



Education

2020 - 2023 (3 years)

Seatech

Master's Degree in Engineering (French Diplôme d'Ingénieur)
Computer science, computer vision, and data science specialization. Main subjects were Java, C++, and MATLAB development, detection, and underwater acoustics.

I did an internship at BU-CROCCS Laboratory in Bangkok on computer vision, working on hand-controlled software.

2014 - 2017 (3 years)

University of Rennes

Bachelor's Degree in Science of Engineering
Engineering and mechanical specialization. Main subjects were resistance of materials, fluid mechanics, manufacturing, and Python development.



About me

I am a software developer with 5 years of experience. My expertise is in Java, particularly the Spring Framework, and I am proficient in full-stack development using Angular. Having worked with companies like Alpega TMS, I have gained valuable insights into the logistics industry. I enjoy learning new things, taking on fresh challenges, and collaborating with my team while sharing knowledge.



Contact and links

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Language

French: native speaker

English: fluent



Familiar tools

Backend:

Java / Spring / Hibernate / Maven /
Oracle DB / MongoDB / Nodejs

Frontend:

JS / TS / Angular / HTML / CSS

Other:

Agile / Git / CI/CD / TDD / DDD /
SOLID / Clean code / Design patterns
/ much more



Hobbies

Fitness

Cryptocurrencies

Investing

Programming

