



Tanguy Le Loch

Software Developer

Job experiences

2023 - Present (1 year)

Full Stack Developer Alpega TMS (Khon Kaen, Thailand)

Working on a big transportation management system with over 30M LoC, I became a reference for the new Ocean Booking feature. I set up and optimized a remote JBoss server to enhance the development process for our team in Thailand, significantly improving development performance. Collaborated with a diverse team of Austrians and other nationalities. Worked on integration with GLS, INTTRA, and other logistics systems.

Java 17 ■ Angular ■ PL/SQL ■ Oracle DB

2022 - 2023 (1 year)

Backend Developer Universign (Paris, France)

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 to keep downtime at 0%.

Java 8 ■ Rest doc ■ Spring ■ MongoDB ■ Maven

2021-2022 (1.5 year)

Backend Developer triPica (Paris, France)

Backend development for a real-time utilities/telcos BSS platform with a cutting-edge stack featuring microservices architecture, AWS servers, and continuous integration. One quarter of my time was devoted to DevOps activities for debugging and fixing production issues. The company maintained high code quality and a short time to market.

After acquiring a new contract, I was in charge of migrating the customer base from their old system to ours until production went live.

Java 17 ■ OpenAPIV3 ■ Spring ■ Hibernate ■ Maven

2020 - 2021 (1 year)

Backend Developer Sopra Steria (Aix-en-provence, France)

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 nearly five years of experience, recently focusing on the logistics sector. 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, which I believe can be beneficial to some of Neoza's clients. 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 / Docker / AWS / TDD / DDD / SOLID / Clean code / Design patterns / much more

Hobbies

Fitness

Cryptocurrencies

Investing

Programming