# ANTOINE HAZEBROUCK

## FULLSTACK SOFTWARE ENGINEER

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## SUMMARY

Passionate and committed software engineer apprentice with 3 years of experience designing, implementing and optimizing applications across complex financial systems. Proficient in fullstack development, with a strong emphasis on backend systems and data processing with Java. Seeking to leverage my proactivity in a result-oriented environment as part of a 3-month international internship.

## WORK EXPERIENCE

**Fullstack Software Engineering Apprentice – Java**
*Société Générale, 2023 - current*

Designed and implemented an automated balance sheet quality reporting using Spark
Migrated legacy accounting treatments to Spark, reducing infrastructure costs
Brought TDD and BDD practices to the team using Gherkin, decreasing production incidents
Prototyped and industrialized an internal balance sheet calibration app, replacing manual processes
Animated demos, suggested and iterated over features with clients, showing positive feedback steadily

**Software Developer Intern – Java/Angular**
*Société Générale, 2023*

Resolved UX feedback concerning slowness issues due to high data volumes
Fixed security flaws in both the UI and API, reducing the risks of intrusion
Updated the UI from Angular 5 to Angular 16, modernizing the code base and closing security alerts

## TECHNICAL SKILLS

Mastery of the complete software development lifecycle from gathering user requirements to delivery and maintenance, with strong expertise in the Java ecosystem :

**Requirement analysis** : software architecture, prototyping, agile, user stories
**UI** : single page with TS/Angular, multi-page with Java/JSP, desktop with JavaFX
**Backends in Java** : RESTful, sockets, Spring Boot, Spring Data, Spring Security
**Data** : relational databases (SQL), distributed databases (NoSQL), Hadoop/Spark, Spring Batch
**Testing** : TDD, BDD, unit tests, integration tests, UI tests
**DevOps** : Jenkins/Github Actions, Docker, AWS, Linux

## SKILLS

Proactive, teamworker, eager to improve

## ACTIVITIES

Music composition, guitar, bass, IoT

## EDUCATION

**Master of Science in Software Engineering**
*IMT Nord Europe - Lille, 2024 - 2027*

**Bachelor of Science in Software Engineering**
*IUT de Lille, 2021 - 2024*

## LANGUAGES

English : fluent (TOEIC 950/990)
French : native
Spanish : basic