

# ANTOINE HAZEBROUCK

## SOFTWARE ENGINEER

### PROFESSIONAL SUMMARY

Passionate and committed software engineer apprentice with 2 years of experience designing, implementing, and optimizing applications across complex financial systems. Proficient in full-stack development, with a strong emphasis on backend systems and data processing with Java. Seeking to leverage my proactivity and teamwork as part of an agile, result-oriented environment.

### CONTACT

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Address: 20 Rue des Postes, Lille, France

French Driving License + car

### WORK EXPERIENCE

#### Software Engineering Apprentice - Java | 2023 - Current

Société Générale

- Grasped the importance of balancesheet data quality
- Designed and implemented an automated balancesheet quality reporting using Spark
- Migrated legacy accounting treatments to Spark, reducing infrastructure costs
- Incorporated TDD and BDD practices in the team using Gherkin, reducing production incidents
- Turned business needs into actual user stories with prioritization, quickening the usual process
- Sketched, prototyped and industrialized an internal balancesheet calibration tool with users
- Animated demos, suggested and iterated over features with clients, showing results steadily
- Created CI/CD pipelines to automate versioning, builds, tests and deployments, inducing team autonomy
- Managed production support for batch accounting treatments, fixed incidents

#### Software Developer Intern - Angular / Java | 2023

Société Générale

- Grasped the business context of the application : liquidity risks & financial steering
- 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

Web development : Java/Spring Boot

Multi page applications : Thymeleaf, JSP

Single page applications : Angular, React

Data engineering : Hadoop/Spark/Spring Batch

Relational/distributed databases

Automated testing : TDD, BDD

CI/CD : Docker, Github Actions, Jenkins

Data science : Python

### SKILLS

Proactive

Teamworker

Autonomous

Eager to learn, improve

Communicative

Adaptable

Passionate

Agility aware

### ACTIVITIES

Music composition

Guitar in a band

Self-taught

### 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 : basics