

Gauthier Cassany

Software Engineer

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in <https://www.linkedin.com/feed/?trk=onboarding-landing> 🔄 <https://github.com/Mozenn>
📖 <https://medium.com/@gauthier.cassany>

👤 PROFILE

Passionate Software Engineer, I've been programming for over 8 years, including several years in the corporate world.

Self-taught and lifelong learner, I'm committed to building well-designed applications and investing myself in the projects I take part in.

🌐 LANGUAGES

English
TOIEC 990/990



Swedish



German



📁 PROFESSIONAL EXPERIENCE

Lyra Network

May 2021 –
November 2023
Toulouse, France

Software Engineer

Software Engineer within Payment Mean Europe team.

- Development and maintenance of payment applications in a critical codebase
- Development and maintenance of the Continuous Integration pipeline with Jenkins
- Development of the Alma payment application integrated into Payzen
- Onboarding of new members
- Participation in the process of delivering payment method applications to production as a developer and tester
- Analysis and bug resolution as N3 technical support
- Writing and maintaining technical documentation on Confluence
- Implementation of a monitoring dashboard with Grafana/Prometheus to monitor several functional indicators for a payment method application
- Integration of e2e TestCafé tests into the deployment process to facilitate deployments and improve their frequency

Tech Stack: Java EE, Spring Boot, Gradle, Maven, Javascript, Docker, Ansible, Jenkins, TestCafé

February 2021 –
May 2021
Toulouse, France

Software Engineer Intern

Analysis, development, and production of the FullCB payment method application integrated into the Payzen payment platform.

- Planned the migration by defining User Stories
- Developed E2E tests with TestCafe as Smoke Test and Non-Regression Test
- Configured Sonarqube to ensure code quality and security
- Implemented the Continuous Integration pipeline with Jenkins
- Implemented the deployment pipeline with Ansible and Docker
- Carried out an acceptance phase on several test environments to ensure that the application is working properly
- Monitored the migration phase in production
- Within a team of 5 engineers and 1 manager
- Followed Agile Method (Daily, Spring, Retro) with Jira

Tech Stack: Java EE, Spring Boot, Gradle, Maven, Javascript, Docker, Ansible, Jenkins, TestCafé

🎓 EDUCATION

Master of Engineering, Computer Science INSA, INSA Toulouse

2016 – 2021 | Toulouse, France

Exchange Semester, Linköping Universitet

August 2018 – January 2019 | Linköping, Sweden

🔑 INTERESTS

Music, Sport, Nature & Travel, Technology, Art

June 2020 –
September 2020
Toulouse, France

Infotel, Software Engineer Intern

Developed a voice assistant integrated into an IOT application to improve the user experience and make it easier to obtain information.

- Defined and developed the voice assistant requests
- Developed AWS Lambda in Node.js to process the voice assistant requests
- Developed the UI to configure the voice assistant in Angular
- Refactored the backend to integrate the voice assistant code
- Developed an integration test suite using Postman
- Within a team of 3 engineers and 1 tech lead

Tech Stack: Amazon Alexa, AWS Lambda, Node.js, Angular, Docker, MariaDB

PROJECTS

May 2019 – present

Developing a commercial PC game

<https://store.steampowered.com/app/1900320/Lumnis/>

Development of an Action-Adventure game started during my studies, and published on Steam.

Tech Stack: Unreal Engine, C++

December 2021 – present


Writing technical blog posts

<https://gauthier-cassany.com/posts> 

Wrote technical blog posts based on my professional experience and personal projects.


Topics: Spring Boot, Next.js, React.js, Keycloak, Docker, Maven

Developing and maintaining Wild Moose Games website

<https://www.wildmoosegames.com/> 

Tech Stack: Next.js, React.js, Css Modules, Github Action, Vercel

Developing and maintaining a portfolio website

<https://gauthier-cassany.com/> 

Tech Stack: Next.js, React.js, CSS Modules, Github Action, Sentry, Vercel

September 2020 –
December 2020

Detecting anomalies in air traffic network frames

End-of-study project in collaboration with Activus

- Within a team of 5 students
- Designed and set up the software architecture as a team
- Developed microservices with Spring Boot and Spring Cloud
- Developed the data processing pipeline to feed Machine Learning algorithms with Spark and Python
- Implemented the Continuous Integration pipeline with Jenkins

Tech Stack: Spring Boot, Spring Cloud, Microservice Architecture, REST API, Elastic Search, Python, Jenkins

SKILLS

Nest.js

Javascript (Vanilla, Node.js, Typescript)

React.js & Next.js

Java

Spring & Spring Boot

Maven

Gradle

Hibernate

Angular

HTML & CSS

Tailwind CSS

Git

Linux

SQL (MariaDB, PostgreSQL)

Docker

Ansible

Jenkins

Méthode Agile

Clean Code