



Curious full-stack engineer who enjoys learning new tools and tackling diverse challenges. Looking for an environment to apply and grow my skill set.

CONTACT

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- JohanChataigne
- Johan Chataigner

TECHNICAL SKILLS

Languages & Frameworks

Kotlin	<div><div></div><div></div><div></div><div></div><div></div></div>
Terraform	<div><div></div><div></div><div></div><div></div><div></div></div>
Python	<div><div></div><div></div><div></div><div></div><div></div></div>
Spring	<div><div></div><div></div><div></div><div></div><div></div></div>
React & React Native	<div><div></div><div></div><div></div><div></div><div></div></div>
Flutter	<div><div></div><div></div><div></div><div></div><div></div></div>

Cloud providers

AWS	<div><div></div><div></div><div></div><div></div><div></div></div>
Azure	<div><div></div><div></div><div></div><div></div><div></div></div>
Scaleway	<div><div></div><div></div><div></div><div></div><div></div></div>
Oracle (OCI)	<div><div></div><div></div><div></div><div></div><div></div></div>

SOFT SKILLS

Languages

- French - *Native*
- English - *TOEIC 975 pts*
- Spanish - *B2 level*

Hobbies

- Competitive volleyball - *Pré-Nationale*
- Running
- Video games

WORK EXPERIENCES

September 2021 - Today

Bordeaux, France

FULLSTACK SOFTWARE ENGINEER – BeTomorrow

Backend & Cloud Infrastructure

TBM Mobile App Revamp

- Kotlin
- Spring
- Terraform
- Azure
- Redis

Developed a backend-for-frontend and its associated infrastructure. Managed connections to numerous external dependencies in a high-load infrastructure context.

Development and Maintenance of Cleo and Physio.me Applications (Biogen)

- Kotlin
- Spring
- Terraform
- AWS
- React
- React Native

Web and mobile applications deployed in multiple countries, with cloud infrastructures across several global regions, within an HDS-compliant environment.

Fullstack Development for Generative AI Solutions

Mobility Assistant

- Python
- FastAPI
- LangGraph
- Terraform
- Azure
- SSE

Developed a mobility chatbot leveraging public transportation data (GTFS, GTFS-RT). Designed a multi-agent LLM architecture with real-time streaming to a mobile application.

Local Urban development Plan Assistant (PLU)

- Python
- FastAPI
- LangGraph
- Terraform
- Azure
- Scaleway
- SSE

Built an LLM-powered agent capable of answering questions about the Bordeaux Metropole urban plan (PLU) with clear, sourced responses. Implemented search (RAG) tools and real-time streaming to a web interface.

Tailored Travel Experience Assistant

- Python
- FastAPI
- LangGraph
- Terraform
- AWS
- OpenSearch
- SSE

Developed an LLM agent for creating personalized travel experiences in the luxury hospitality sector. Agent with integrated tools for searching experiences and availability, with real-time streaming to web and mobile applications.

February 2021 - August 2021

Bordeaux, France

ARTIFICIAL INTELLIGENCE INTERN – BeTomorrow

Automatic Sleep Apnea Detection

- Python
- Tensorflow
- Scikit Learn
- React Native
- AWS

Full-stack development of a mobile application using machine learning algorithms to determine whether a person suffers from sleep apnea based on a facial photo.

AI-Powered Content Recommendation

- Python
- AWS
- Flutter

Full-stack development of a mobile application enabling users to interact with video content and receive personalized recommendations based on their interactions. Authored a series of articles on the topic, available on Medium.

Mobile Outdoor Augmented-Reality

- Python
- Kotlin
- Android

Developed a native Android application to experiment with live tracking and labeling of outdoor structures (buildings, trees, etc.) through the device camera, aimed at enhancing tourism experiences.

EDUCATION

PREP SCHOOL

La Prépa de INP, Bordeaux, France

In-depth maths, physics, chemistry, etc.

2016 - 2018

INGÉNIEUR EN INFORMATIQUE

ENSEIRB-MATMECA, Bordeaux, France

Specialized in Artificial Intelligence.

2018 - 2021