



ANTOINE SIMON

SOFTWARE ENGINEER

ABOUT ME

I am a 4th-year engineering student, passionate about blending seamless user experiences with scalable and efficient applications. My goal has always been to integrate UX principles with performance optimisation to create products that are both intuitive and high-performing. I strive to reflect this in my work, through the websites and applications I build.

EXPERIENCE

Full-Stack Web Developer May 2024 - August 2024

- Implemented back-end and Front-end services with Symfony and PostgreSQL
- Deployed 4 microservices using Docker, improving system scalability and reducing downtime by 25%
- Integrated 2 external APIs, including Algolia
- Managed and optimised CI/CD pipelines using GitHub Actions, reducing deployment time by 50%

PROJECTS

Wavee – Music Rating Website 2024 - 2025

Created a platform that allows users to talk about the music they listen to every day, discover their friends' opinions, and experience music in a new way.

Developed an optimised and scalable architecture for this project using Kubernetes and PostgreSQL.

Integrates and optimised the Spotify API for music data, reducing API calls by 75%.

Link : "<https://waveemusic.com>"

Wavee – iOS App (Swift) 2024 - 2025

Developed Wavee for iOS using Swift, positioning it to reach 3x more users globally upon launch.

Created a unified API for both mobile and web platforms, optimizing endpoint performance by 50%.

Enhanced and consolidated my Swift skills, significantly improving code quality and application performance.

Content Creator – TikTok (160k followers) 2022 - 2025

My passion for music also led me to create videos using pictures animation, which is another way for me to explore design, fluidity, and, most of all, creativity.

EDUCATION

EIGSI - General Engineering School - France **2022-2026**

NTNU (Ålesund) - Norway **2024**

Polytechnique Montréal - Canada **2021-2022**

CONTACT

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