

Contact

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Skills

Front-end: React, TypeScript

Mobile: React Native, Expo, Swift, Kotlin

Back-end: .NET Core, NestJS, Express

DevOps: Docker, GitHub Actions, EAS, Google Play Console, Apple Store Connect

Diplomas

DEC - Computing techniques

Cégep Garneau 2022 - 2025
Received Excellence Scholarship
Canadian diploma, comparable to 2 years of HBO

BTS Audiovisual - Sound speciality

Les Ateliers de l'Image et du Son 2015 - 2017
French diploma, comparable to 2 years of HBO

Scientific Baccalaureate

Lycée Pierre Mendès France 2012 - 2015
French diploma, comparable to a VWO diploma

Languages

French: native language
English: proficient

Thibault Castelli

Full-Stack Developer

Objective

Highly motivated **Full-Stack Web Developer** with **three years of professional experience**. Seeking a challenging role within a collaborative team where I can leverage my skills to build innovative **applications** from **back-end** to **front-end**.

Work experience

Mobile developer

2025/09 - Present

Touchpulse, Netherlands

- Develop and maintain a **React Native** mobile app providing **navigation tools** to over **1,000 blind and visually impaired people**, with **accessibility** as a core design constraint.
- Build **custom native modules in Swift and Kotlin** to extend accessibility capabilities beyond the React Native and Expo ecosystems.
- Ensure robustness and reliability with **90%+ test coverage** across unit, integration, and end-to-end suites.
- Set up and **own CI/CD with EAS and Expo Updates**, enabling **same-day OTA** fixes and a **faster release cycle**.

Full stack web developer

2025/01 - 2025/09

Logix Opérations, Canada

- Collaborate on multiple full-stack **.Net Core** and **React** web applications, contributing to both back-end and front-end development.
- Incorporate **SOLID principles** into development practices to ensure high quality code and adherence to software design best practices.
- Apply **Test-Driven Development (TDD)** and **Domain-Driven Design (DDD)** methodologies to improve code robustness and ensure good application architecture practices are followed.

Full stack web developer

2024/06 - 2025/01

Ministry of the Executive Council of Quebec, Canada

- Developed and demonstrated **end-to-end testing** solutions using **TestCafe** and **Playwright**, validating their effectiveness in a proof-of-concept environment.
- Designed and implemented **Azure pipelines** and **Docker** containers to seamlessly incorporate end-to-end testing into the continuous integration and deployment workflow.
- Converted a legacy Classic ASP website into a robust **MVC .Net Core** platform, improving user experience and code structure.

Hobbies

Music *(listening, playing, composing, mixing)*

Video-games *(playing, developing)*

Literature *(science-fiction, philosophy)*

Sound engineer (live/recording)

2017/06 - 2024/06

Freelance, France

- Used industry-standard software and plugins such as **Pro Tools**, **Ableton** and **Izotope** for recording, mixing, and mastering music.
- Demonstrated strong **stress management** skills during live performances while consistently meeting tight project deadlines.
- Collaborated with **cross-functional teams** to achieve common goals and deliver successful recording projects, following artistic direction.

Personality

Adaptability

I embrace change and value constructive criticism as a means to continuously enhance my skills and performance.

Team work

I thrive in multidisciplinary teams, learning from the expertise of my colleagues.

I am an attentive listener and willing to contribute to ideas and projects.

Spirit of synthesis

I strive to develop simple and intuitive solutions that address complex problems.