


# Florian Mailliet

 Toronto, Canada

## Senior front-end engineer

### PROFILE

In early **2023**, I became a **new Canadian Permanent Resident** with the **legal right to work in Canada**.

I have been crafting digital web products for the past 10+ years. I am used to working on high-traffic applications and adopt a data-driven approach. I like to solve complex problems and enjoy coming up with innovative solutions. My UI/UX expertise allows me to easily work with designers and product teams. I also enjoy working on performances and architecture.

### EXPERIENCE

#### Senior front-end engineer @ Dailymotion

*September 2015 - December 2022, Nice Area, France*

##### Crafting Dailymotion's HTML5 video player

- Initiated the “modular player project” by extracting and migrating video core components from a monolith architecture into a decoupled monorepo architecture.
- Lead the progressive rollout of the “photon player” ([new player UI 2022](#)), daily interacting with the data insight team and making sure the critical KPIs were improved.
- Implemented the critical features of the [player embed script API](#) and problem solved many issues during the beta release improving player viewability and monetization KPIs
- Created and implemented a custom video proxy to preserve user experience from poorly implemented third parties (VPAID ads).
- Mentored junior developer and shared coding practices across the player team (presentations and technical talks)

#### Senior Flash / AS3 developer @ Dailymotion

*June 2013 - August 2015, Nice Area, France*


##### Crafting Dailymotion's Flash video player


- Implemented player V5. A "HTML5 first architecture" with a Flash fallback. The Flash architecture mirrored completely the HTML5 architecture to ease software maintenance.
- Maintained, enhanced, refactored player V4. A "Flash first architecture" with an HTML5 fallback. Technical stack : AS3, OSMF video framework



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### SKILLS

#### Methodology & Management

Agile (Scrum & Kanban), Hybrid collaboration, Asynchronous communication

#### Programming Languages

JavaScript (ES2015+), TypeScript, HTML, CSS3/Sass, Go, PHP, GraphQL, Bash

#### Libraries & Frameworks

React, Preact, Redux, Next.js

#### Tests

Jasmine, Karma, Jest, Enzyme, Puppeteer

#### Tools & Environment

NodeJS, npm, Webpack, Rollup.js, Babel, Git, Jira, Kibana, Docker, Jenkins

#### Languages

French (native), English (Fluent), Spanish (Fluent)

### EDUCATION

#### Paris IV Sorbonne University

*2006 - 2007, Paris*

Master of Web Consulting and Science in Information management