

Florian Mailliet

Senior Frontend Engineer

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PROFESSIONAL SUMMARY

Senior Frontend Engineer with 15 years building high-traffic, data-driven web applications and 9 years of deep React/TypeScript experience. Specialized in micro-frontends, performance, and experimentation on large-scale consumer and enterprise products. Strong cross-functional partner with hands-on Node.js backend experience.

EXPERIENCE

Dayforce — Vancouver, Canada

Global cloud HCM platform serving enterprise customers.

Senior Frontend Engineer | January 2024 – Present

Wallet on Web Team | October 2024 – Present

- Owned the Dayforce desktop feature called “Wallet on Web”, driving new revenue streams.
- Shipped React/TypeScript features in a Webpack 5 micro-frontend architecture.
- Partnered with product, design, and backend teams to deliver secure, accessible, performant financial UX.

Platform Team | January 2024 – October 2024

- Maintained shared platform libraries for micro-frontends, improving developer experience and consistency.
- Led performance audits and shipped code-splitting + Module Federation PoCs, reducing the initial JS payload by 92% and total bundle size by 46% for native-app WebViews.
- Planned React 17 → 18.3.1 → 19 migration across 130+ micro-frontends (rollout sequencing, risk mitigation, compatibility guidance).

Dailymotion — Nice, France

Dailymotion is a global video platform with 300M+ monthly active users.

Senior Frontend Engineer | September 2015 – December 2022

- Initiated the “modular player project” by extracting and migrating video core components from a monolith architecture into a decoupled monorepo architecture.
- Led A/B/C testing for the “Photon Player redesign”, improving engagement and monetization KPIs.
- Implemented [player embed script API](#) and improved monetization performance by ~3% through integration optimizations.
- Migrated legacy React class components to functional components using Hooks.
- Mentored junior developers and shared coding practices across the player team (presentations and technical talks).
- Designed productivity tools: a Node.js “ad tester” for VAST/VPAID and CLI tools to streamline code migrations.
- Created and implemented a custom vanilla JS video proxy to preserve users’ playback experience from poorly implemented third parties (VPAID ads).

Frontend Engineer (Flash / AS3) | June 2013 – August 2015

- 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 OOP, OSMF library.

Passerelle — Paris, France

Frontend Engineer (Flash / AS3) | October 2009 – May 2013

- Delivered rich media applications: interactive videos, configurators, and games.
- Developed a reusable MVC framework in AS3 to accelerate application development.

EDUCATION

Master's Degree in Web Consulting & Information Management

Université Paris IV Sorbonne — France

SKILLS

Languages: French (Native), English (Fluent)

Methodology & Management: Agile (Scrum/Kanban), Cross-functional collaboration, Asynchronous communication, Mentorship

Programming Languages: JavaScript (ES6+), TypeScript, HTML, CSS3/Sass, Go, Bash

Libraries & Frameworks: React, Preact, Redux, TanStack Query, Next.js, Express.js

APIs: REST, GraphQL

Tests: Jasmine, Karma, Jest, Puppeteer, Cypress, Playwright, WebPageTest

Architecture & Bundling: Micro-frontends, Module Federation, Code Splitting, Webpack, Babel, Rollup, Vite

Tools & Environments: Node.js, npm/pnpm, Git, Jira, Docker, AWS, Azure, Jenkins, Kibana