

Patrick Brosset



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Senior Firefox DevTools Engineering Manager

Mozilla, France (remote), June 2018 » Now

I am currently in charge of the engineering team that implements and maintains the following tools in Firefox: CSS grid inspector, Flexbox inspector, Fonts editor, CSS Shapes editor, CSS Changes tracker, the Responsive Design Mode and more.

These are industry-leading tools that have been acclaimed by DevTools users, and have been influencing other browser vendors' strategies.

The biggest part of my job consists in managing engineers, including hiring, mentoring, planning, setting goals and expectations, doing performance reviews, etc.

I am also actively involved in defining the product strategy, setting team goals and helping design and ship new features, keeping in close contact with product management and user experience.

I am also the owner of the DevTools module within [the Mozilla project](#).

People management Hiring Planning Strategy CSS specifications User testing

Firefox DevTools Engineering Manager

Mozilla, France (remote), May 2015 » June 2018

At first I managed a sub-team within DevTools, but then moved on to being in charge of the entire group (~20 people, including two managers and their teams).

My responsibilities included people management, hiring, planning, defining strategies and goals and technical ownership of the Inspector module.

I led the team through various projects including: the first CSS layout debugging tool in any browser (CSS Grid inspector, which I actively helped design, implement and ship), important re-architecture projects (XUL removal, and multi-process support), refactor of the entire UI with React/Redux, new remote debugging features, etc.

People management Hiring Planning Strategy React/Redux HTML/CSS/JavaScript

Senior Firefox DevTools Software Engineer

Mozilla, France (remote), August 2013 » May 2015

Worked remotely with a geographically distributed team, on Firefox DevTools, part of the open-source Mozilla project.

I was in charge of the DOM/HTML/CSS tooling within DevTools.

My main work consisted in setting the Inspector tool on a trajectory that would make it relevant and even possibly leading in the future.

I implemented a lot of missing features then, modernized it, but also implemented innovative features (a CSS animation/transition inspector, a CSS transform previewer). Finally, I participated in many code clean-up and re-architecture projects such as the implementation of an entire new rendering stack for highlighting elements in the page.

Open-Source Remote work Code reviews HTML/CSS/JavaScript C++

Senior Software Engineer

Amadeus, France, July 2012 » August 2013

I joined the newly created Airport IT development group within Amadeus, and worked on mission-critical applications for the Airport IT industry.

I helped implement a runway sequence planner and a stand and gate allocation tool.

I wrote mostly HTML5, CSS3 and JavaScript with client-side frameworks. The applications had to deal with big amounts of data that needed to be displayed live with high performance.

I also spent 2 months in Munich, Germany, to help and train a part of the development team based there.

HTML/CSS/JavaScript Performance Training

Team Leader

Amadeus, France, June 2009 » July 2012

I was in charge of the team developing the Amadeus [aria templates](#) UI framework.

The team was focused on delivering a fast and reliable framework that powered professional single-page web apps for the travel-industry business.

I helped create the team, put in place processes and managed the day to day activities.

The framework became the official Amadeus UI web stack, used by hundreds within the company, and later on also open sourced.

Open-Source Git/GitHub Hiring People management Project management SCRUM

Software Engineer

Amadeus, France, January 2008 » May 2009

Using a variety of technologies from Java/J2EE to Ajax, I participated in the design, architecture, development and maintenance of an internal client/server application framework.

I also trained other development teams to use the framework.

J2EE HTML/CSS/JavaScript Training/mentoring

Software Engineer

Astek, France, July 2006 » January 2008

I worked on aircanada.com's booking website and implemented and maintained several of the pages, using JSP, HTML, CSS and JavaScript.

J2EE HTML/CSS/JavaScript

Web Designer/Developer

Zoe Communications, New Zealand, June 2004 » February 2006

As a web developer and designer, I created websites for companies in New Zealand. I was responsible for meeting with customers, designing the pages and implementing the sites, based on a CMS.

PHP/MySQL HTML/CSS/JavaScript UX/UI Design

Education and Certifications

- Telecommunications engineering degree. [INSA de Lyon](#), France, 1998 » 2003
- Master's degree. [KTH](#), Sweden, 2001 » 2003
- Certified SCRUM Master