

# Benoit Charbonnier



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## ▼ Frontend Principal Engineer & Trainer

Amadeus October 2016 - Present

Part of my job consists in maintaining the popular Angular widget library [@ngbootstrap/ng-bootstrap](#) we created & open-sourced back in 2015. We use it as a foundation middleware to streamline all UI development and to strengthen our visual identity.

Rest of the job is related to training activities. Since we introduced the usage of Angular as technical recommendation, we also prepared 2 different training courses: Angular Fundamentals (2 days long) & Angular Advanced (2 days long).

Here again, we have trained several hundreds of world-wide developers internally.

Angular TypeScript Open-Source Training/Mentoring Code reviews TDD

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## ▼ Frontend Senior Software Engineer & Trainer

Amadeus April 2014 - September 2016

During this period, we introduced [angular.js](#) as a technical recommendation for any new front-end developments. This has started the decommission of our in-house previous solution: Aria Templates.

In order to ease the migration of our work forces to this new stack, we created an internal 3 days long training course to help them learn angular. We delivered this training world-wide, in all our dev-based offices.

Meanwhile, we also had to support & maintain all other teams using the legacy in-house stack in their products.

angular.js HTML/CSS/JavaScript NodeJS Training/Mentoring TDD Git/Github

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## ▼ Frontend Software Engineer & Trainer

Amadeus September 2011 – March 2014

I worked on direct evolutions of my previous experience: re-writing a fast & reliable JavaScript UI framework to build professional single-page web apps for the travel-industry business.

The team later on open sourced this project as it became the official Amadeus web stack: <http://ariatemplates.com>

Another part of my job consisted in creating & delivering a 3 days training course to help our internal teams ramp-up on the solution. We trained several hundreds of developers within the company.

HTML/CSS/JavaScript NodeJS Training TDD Git/Github Open-Source

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## ▼ UI Framework Architect

Amadeus via AKKA Tech July 2007 – August 2011

I participated in the design, architecture, development and maintenance of an internal client/server application framework. Our goal was to provide product teams a solution to build next generation of desktop-class web-based apps.

Used by hundreds within the company.

I also spent one year in a product team as an immersive experience. Goal was to help them better use our solution.

J2EE JSP taglib HTML/CSS/JavaScript

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## ▼ Web development

Air France via AKKA Tech January 2005 – June 2007

I joined the team in charge of maintaining [airfrance.com](http://airfrance.com) e-commerce website. I implemented a back-end solution to detect and prevent robots from scraping pricing information from the web site (dynamic blacklisting).

I also developed a few functionalities such as the real-time flights and timetable information modules and Flying Blue Program enrollment page. Evolution, load in production, internationalization, support and maintenance were also part of the daily job.

J2EE HTML/CSS/JavaScript

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## ▼ Side projects

- Minni.im 2011 - present

Slack-like chat application I have created and maintained for almost 10 years now. I use it on a daily basis to stay in touch with personal friends. It has been rewritten 4 times as I use this as a pet project to experiment with things out of scope of my daily job.

NodeJS React/Flux CouchDB/Redis Nginx HTML/CSS/JavaScript Docker Traefik

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## Education

- Computer Science and Networks engineering join master, **ISITV**, France, 2001-2004
- Preparatory cycles to engineering, PCSI-PSI\*, 1998-2001