

# Noël Macé

## Senior Web Developer

*Experience: 14 years*

My passionate and inquiring nature lead me to a constant quest for new technical, intellectual and human challenges.

This brought me to a wide variety of roles, from which I gained diversified knowledge and experience (software development and architecture, sysadmin and netadmin, teaching and pedagogy, management, communication, etc.).

Web development — and more specifically the web platform, dev tools et standards — is my main focus since 2014, and a long-time passion.

## Réseaux



/in/noelmdev



@nlm-pro



noelmace.com

## Languages

English: advanced (C1/C2)

French: native & advanced

Spanish: basics (A2)



expertise

## Web Architecture & Development

- Holistic and objective mastery of **Web development principles and fundamentals** (Web Components, Web APIs, PWAs, PRPL, a11y, performance, etc.)
- Fluent in a wide variety of frameworks and libraries (**Lit, Open WC, Angular, React, Vue, Redux, Gatsby, 11ty, etc.**)
- Advanced expertise in **Angular, Angular CLI & Nrwl/Nx** (OSS contributor from 2016 to 2018, then regular monitoring)
- Wrote a thorough **book** about modern web development fundamentals (published in french by *ENI editions* in 2021)
- Fullstack and DevOps proficiencies (REST, ORM, CI/CD, SGBD, Docker, PaaS, Node.js, Python, Java, etc.)



guiding thread

## Pedagogy

- **Mentoring** and **teaching** are the backbone of my whole career
- Extensive and wide experience as an independant instructor, teacher, educational designer and teaching manager, having led large teams in both instructionnal and R&D environments



motivations

## Sharing & Research

- Strong and long-standing interest for **Open Source** and the free culture mouvement in general
- Created and gave numerous **workshops et lectures**
- Love **documentation, typing et testing** and master the related tools and good practices

Schedule an interview on



[calendly.com/noelmace](https://calendly.com/noelmace)

# Experience



## Freelance

Since  
jan. 2020

### CONSULTANT & TRAINER

Web Development & Architecture



**blindnet**  
*start-up*

From feb. 2022  
to oct. 2022

### VP, TECHNOLOGY & PEDAGOGY

- Leading Web, Java and Scala development
- Customer Support & Technical Documentation maintenance
- Privacy Advocacy



**Editions ENI**  
*book publisher*

From march 2020  
to march 2021

### AUTHOR

- Wrote of a **thorough book** bringing a new perspective on Modern Web Development fundamentals (608 pages)
- Developed a wide variety of examples, tests and automation tools (16500 lines of code)
- Created Open Source libraries, tools, scripts and projects as proof of concepts and illustrations



**Bonitasoft**  
*Open Source  
Software Editor  
(BPM)*

From apr. 2019  
to oct. 2019

### DEVELOPER ADVOCATE, WEB

- **DevX, performance and modernisation** : lead and contribute to the migration from *AngularJS* to *Web Components*
- Set up strategies and tools to facilitate content creation and technical events management (via Gatsby, Netlify CMS & GitHub)



**SFEIR**  
*ESN, 500 employés*

From june 2018  
to apr. 2019

### DEVELOPER ADVOCATE / WEB ARCHITECT

- **Twofold mission** : technical expertise (3d/w) and developer advocacy
- Improved the stability and maintainability of an **Angular, NgRx et Preact** application as a technical leader for "la Société Générale"
- Supervision and training of a team of **30 Angular developers** (in both Paris & Hong Kong) for the BNP Paribas company
- Audit and performance improvement of several Progressive Web Apps (*in VanillaJS, React, Vue, Angular*), migrations from AngularJS to Angular, defined the architecture for several new Web Apps, etc.

## TECHNICAL DIRECTOR, JAVASCRIPT / WEB APP ARCHITECT

- **Architecture & Technical Direction for 8 front-end JavaScript projects** (*AngularJS, JQuery, PHP et Node.js*), leading 3 teams of 12 developers
- Defining the reference web front-end web architecture for Sedona and the *Harmonie Mutuelle* group
- **Modernisation** of Web technologies usages for the whole groupe (Sedona, West, RedShift et Inadeo brands)
- (*From dec. 2016*) defining and maintaining transversal guidelines and tooling for 3 projets, leading 6 teams (30 developers), as the **lead Angular architect** for *Saint Gobain*

Sedona  
*ESN, 100 employés*

From dec. 2015  
to may 2018



## LEAD DEVELOPER ANGULARJS

Development of the account management and Euromillions "widgets" with **AngularJS 1.4 and ES2015** for the fdj.fr portal, leading a team of 8 developers

Française des  
Jeux

From june 2015  
to nov. 2015



## FORMATEUR, CONSULTANT

- **38 courses** delivered both on-line and face-to-face
- **3 applications** Java (Spring, Struts, Hibernate) & Android developed

Freelance

From mai 2011  
to nov. 2015



## DIRECTOR OF UNIX TEACHING

- hiring and training **70 teachers hired** for **Linux, Apple & Sécurité** education on the 30 sites of the group
- defining, writing and managing **7 educational units**

Supinfo  
*International  
University*

From june 2010  
to apr. 2011



## TEACHER / TRAINER

treaching 12 educational units on 18 sites, in 3 different countries

Supinfo

From oct. 2009  
to juin 2010



# Creations

## 28 Lectures & Workshops

- *Web Applications Architecture*
- *Web Performance*
- *Soft Skills*
- *Corporate Strategy*
- *Web Development Frameworks & Libraries*
- *IT History*

## 13 Podcasts

- *Soft Skills*
- *Lead Development*
- *Workplace Wellness*

## 20+ Publications

- *Reference Book*
- *Blogs*
- *White Papers*
- *Training Manuals*
- *Technical & Organizational Documentations*
- *Copywriting*

## ∞ Open Source projects

- *CLIs*
- *Static Site Generators*
- *Framework and Libraries for Web Development*
- *Experiments, Technical Demonstrations, Proofs of Concepts...*

# Hobbies & Interests

- Free Culture, Open Source & Ethical Source
- Pedagogy and Science Popularization
- Tabletop Roleplay & Board Games
- Mathematics & Theoretical Physics
- Natural, Social & Cognitive Sciences
- Legos, Model Creation & Puzzles

# Education

- 2010 : Master of IT Engineering, Supinfo International University
- 2007 : Associate Degree in Applied Mathematics for Social Science, Toulouse Jean Jaurès University