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 diverse 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 /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
- Estensive 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
C Calendly

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.

ENI Editions
book publisher

From march 2020
to march 2021

AUTHOR

- Wrote 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 modernization** : 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)* **Lead Angular Architect**, *Saint Gobain*: Defining and maintaining transversal guidelines and tooling for 3 projects, leading 6 teams (30 developers).

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

TRAINER, 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

Teaching 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 & Theorical 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