



Alexandre MARTINEZ

Angular Tech Lead / Fullstack Angular & Java Developer
Freelance

alexandre.martinez@artisanatlogicielfrancais.fr

+33 6 46 86 09 24

33 years old

Allée d'Ancely, 31300 Toulouse, France

LinkedIn : [/in/alexandre-martinez31000/](https://in.linkedin.com/in/alexandre-martinez31000/)

Website : artisanatlogicielfrancais.fr

✓ **7+ years of Angular experience (v6 to v22), including 3 years as a Tech Lead on high-stakes projects, specializing in migrations and performance optimization for high-traffic applications**

✓ **Guarantee of software quality & product vision: scalable architecture, CI/CD, testing strategy, performance and maintainability, observability**

✓ **Leadership of teams of up to 9 developers, in close collaboration with Product Owner, Project Managers, Technical Director, Engineering Manager, CTO**

Mission Summary / “Highlights”

- 💡 **Hundreds of key features** delivered to production for critical applications (healthcare, transport, aeronautics, betting and others)
- 🧠 **+20 developers supervised** as a Tech Lead: mentoring, code reviews, skills development
- 🔄 **+10 migrations Angular** successfully implemented (v7 → v22), including RxJS refactoring, adoption of SignalStore, and switching to Nx mono-repo
- 🌐 **4 international projects** on high-traffic platforms (Air France, Airbus, KLM, Betclic), with daily use of English
- 👉 Experience in **Agile, Scrum, Kanban** with teams of **2 to 12 developers**
- 🚀 **4 projects carried out from start to finish** from technical scoping to production launch
- 👥 **Tens of millions of users** reached by the applications I contributed to
- 💬 **Excellent interpersonal skills** I have always been appreciated by the teams for my listening skills, my teaching abilities, and my personal involvement.
- 🔧 **Design system and CI/CD pipeline** (web + mobile) designed and driven end to end

Main expertise

Angular 6 → 22 · Nx Workspace · SignalStore · NgRx · RxJS · Web Performance

Technical support, scalable architecture, major version migrations, various optimizations, CI/CD tooling, monitoring & quality, KISS/DRY/YAGNI

Front-End

Framework & Language: **Angular**, Typescript, Javascript

State Management: **NgRx**, NGXS, RxJS, ElfJS, SignalStore

UI/UX Libraries: **PrimeNG**, Angular Material, Bootstrap, Tailwind CSS v4

Testing & Quality: **Jest**, Spectator, Cypress, **Playwright**, **Storybook**,
BugBug, ESLint 9

Styling: SASS, Less, native CSS

LANGUAGES

Fluent French

Fluent English

DevOps CI/CD

Back-End

Framework & Language: **Node.js**, python/Django, **Java/Spring/Hibernate**
GraphQL/Apollo GraphQL, Angular Universal (SSR)
Event-driven: RabbitMQ, ActiveMQ, Websocket, GRPC
Infra as Code: Terraform / Terragrunt
Storage & Data: PostgreSQL · MySQL · MongoDB

GitLab CI / GitHub Actions / Jenkins,
semantic-release,
iOS/Android mobile
pipelines, Heroku Review
Apps

Delivery & Monitoring

Nx Monorepo, Datadog,
OpenTelemetry, Sentry

Professional experiences

En Voiture Simone – Senior Angular Developer - Freelance

📍 Paris – Feb. 2026 → present

🔧 Angular 20 → 22 · PrimeNG · Tailwind CSS v4 · Ionic/Cordova · Storybook · GitHub Actions ·
TypeScript · Figma

♦ **Project *student-app*** - En Voiture Simone commercial Angular Ionic mobile app

<https://www.envoituresimone.com/app>

♦ **Project *teacher-app*** - Angular Median mobile app for driving instructors

♦ **Project *evs-kit*** – Shared component library (PrimeNG/Tailwind design system)

➡ **Design and deployment of a PrimeNG-based Design System on EVS applications.**

- Creation of a modular and scalable Design System based on PrimeNG
- Gradual integration of PrimeNG + theme components into existing applications
- Structuring of design tokens (colors, spacing, radius, states, theming)
- Close collaboration with Engineering Manager & Designer (Figma → technical implementation)
- Implementation of Storybook for documentation, visual testing, and team adoption
- Definition of UI standards: accessibility (A11y), consistency, maintainability
- Gradual removal of the legacy UI with support for teams to facilitate adoption and skills development
- Design and development from scratch of the *evs-kit* library (PrimeNG + Tailwind CSS v4): full theming (design tokens, dark/light), ~20 components (buttons, avatars, modals, accordion, tooltip, floating timer, etc.)
- Advanced accessibility: keyboard navigation and ARIA on interactive components
- Storybook: complete structure (tree, Figma S/M/L viewports, foundations documentation)
- Front-end quality: strict ESLint 9 + eslint-plugin-better-tailwindcss, lint-staged/prettier
- Advanced CI/CD (GitHub Actions): automated releases (semantic-release), iOS/Android build and signing (Cordova), store publishing, ephemeral Heroku environments
- E2E tests: Playwright + BugBug, results posted to Slack

Betclic – Senior Angular Developer - Freelance

📍 Bordeaux – August 2025 → December 2025 (5 months)

🔧 Angular 18 → 20 · Angular Material · NgRx · Nx · Jest · Github Actions · Terraform/Terragrunt

- ♦ **Project Webapp betclic.com - Customer-facing casino/sports front end**
- ♦ **Project Back Office Atlas - Management & distribution of marketing campaigns / casino**

➡ **High-traffic international platform with short release cycles and continuous delivery**

- Angular version upgrade from 18 to 19 to 20 (without interruption, production maintenance OK)
- CI/CD migration Jenkins → GitHub Actions + pipeline optimisations (45 min → 12 min)
- Setting up full-stack test environments (auth, AWS hosting, infrastructure as code)
- Implementation and deployment of new front/back office marketing features
- Datadog monitoring (Web Vitals, logs, APM, performance alerting)
- Systematic code reviews → maintaining quality & fostering technical excellence
- Reinforced testing discipline (Jest + structured specs) → fewer regressions

ADMR NSI – Tech Lead Angular - Freelance

📍 Toulouse – Dec. 2022 → Aug. 2025 (2 years and 6 months)

🔧 Angular 14 → 20 · PrimeNG · elfjs · RxJS SignalStore · Nx

- ♦ **Project Philia NG – redesign of the home care scheduling app**
- ♦ **Project NADS – creation from scratch of the software for healthcare professionals' rounds**

➡ **Millions of users nationwide, 2 projects successfully completed**

- Technical management of teams of up to 12 people (including 9 developers)
- Coordination of Product Owner, UI/UX, QA & Business Direction
- Technical framework & strategic recommendations on features
- Technical debt management & structural refactoring
- Systematic code reviews & daily mentoring
- Development of advanced features (websocket connection, authentication, browser-side caching, etc.)
- Implementation of a Design System based on PrimeNG with ADMR colors
- Regular production deployments & active consideration of user feedback

Air France – Angular Developer - Freelance

📍 Nice (Full remote) – Feb. 2022 → Oct. 2022 (9 months)

🔧 Angular 8 → 12 · Material · Apollo GraphQL · SSR · Jest · Cypress · Nx · SAlFe

➡ Contribution to the Travel Guide (18M unique visitors/week) for Air France and KLM.

- Guiding technical choices and participating in the development of the 3 pages of the Travel Guide:
 - www.airfrance.fr/travel-guide/destinations.
 - www.airfrance.fr/travel-guide/destinations/france/france/toulouse.
 - www.klm.nl/travel-guide/inspiration/romantic-cruise-on-the-canal-du-midi
- Data retrieval via GraphQL and the Apollo GraphQL client
- Use of Angular Material through the internal UX library with an emphasis on accessibility
- Unit tests (Jest + Spectator) & E2E (Cypress)
- Uninterrupted production deployment and real-time monitoring
- Conducting rigorous code reviews to ensure the technical consistency of the project
- Fluent English during SCRUM ceremonies and meetings

Airbus Defence and Space – Angular Developer - Freelance

📍 Toulouse – June 2021 → Feb. 2022 (9 months)

🔧 Angular 8 → 12 · Material · NgRx · Karma/Jasmine · ngMocks · SAlFe

➡ Configurable portal for creating routines intended for Defense

- Complete migration of Angular 8 to 12
- Notification system implementation
- Robust State Management via NgRx
- Feature toggles & dynamic configuration
- Advanced theming with Angular Material
- 100% unit test coverage
- Demanding code review process
- International context, documentation & meetings in English

Airbus Aircraft – Lead Angular Developer - Freelance

📍 Toulouse – Feb. 2020 → Apr. 2021 (15 months)

🔧 Angular 11 · Python/Django · RabbitMQ · MySQL

➡ Platform for managing the migration of 130,000 Airbus employees to Google Workspace

- Technical lead for the 3 front-end projects
- Migration of two projects from Angular 7 to Angular 11 (including RxJS 5 refactoring and HTTP)
- Creation of an Angular library managing OAuth2 authentication and permissions (with Angular on the client side and with Python/Django on the server side)
- Major project to standardize and unify components and improve UI/UX
- Support provided on Angular best practices, the use of Artifactory, Confluence, and npm scripts

Informatique Banque Populaire – Angular Developer - Freelance

📍 Toulouse – Sept. 2019 → Dec. 2019 (4 months)

🔧 Angular 8 · Material · Jest · NGXS · SAgE

➡ Redesign of the portal for accessing individual accounts

- Implementation of the sales proposals feature
- State Management via NGXS
- Adherence to best practices, graphic charter and use of internal IBP components
- 100% test coverage with Jest

Air France – Fullstack Developer – Angular – Java/Spring

📍 Toulouse – Apr. 2019 → Sept. 2019 (5 months)

🔧 Angular 8 · Java 8 · Spring Boot · PostgreSQL · MongoDB · Teradata

➡ Development of a cross-functional catalog of Angular components

- Real-time & batch calculation of multiple KPIs
- Sourcing data from Teradata, MongoDB and PostgreSQL
- Start of the internal Angular documentation site
- Complete autonomy

Inetum (ex GFI) – Fullstack Angular/AngularJS Developer – Java/Spring

📍 Toulouse – Apr. 2018 → Apr. 2019 (1 year)

🔧 AngularJS → Angular 7 · Java · Spring · MySQL

➡ Redesign of an internal HRIS tool

- Complete migration of AngularJS to Angular 7
- Back-end management, database management, and deployments
- Ongoing maintenance of legacy systems & development of new features

Various recommendations (translated from French)

💬 “I had the pleasure of managing Alexandre as Engineering Manager at En Voiture Simone. He is a developer who fits into a team very easily, with excellent interpersonal skills and a genuine team spirit. Alexandre knows his subject inside out, drives things forward and does not just execute: he actively looks for ways to improve the team's practices and the way it works, to make it more effective day to day. I recommend Alexandre without hesitation, for his technical skills as much as for his human qualities.”

— [Frédéric König](#), Engineering Manager – direct manager (En Voiture Simone)

💬 “I worked with Alexandre as Product Manager within a squad of En Voiture Simone's product/tech team. His assignment was to provide temporary front-end reinforcement to our squad so we could absorb an additional project.

Professionally, Alexandre exceeded our expectations. He was able to take our topics on fully autonomously, formulate clear recommendations and carry them out without a hitch.

I particularly appreciated his interest in the product, his initiative and his proposals, which helped take our features beyond what we had imagined. It was a pleasure, professionally and personally, to work with you :)”

— [Matthieu Fournel](#), Senior Product Manager – colleague (En Voiture Simone)

💬 “I highly recommend Alex, with whom I collaborated on a strategic project.

He is an exceptional Angular developer: proactive, extremely relevant in his statements, and remarkably efficient.

Technically, it's consistently flawless: fast, reliable, always ready to offer the cleanest and most suitable solution.

But beyond his skills, Alex is a deeply humane, pleasant, dedicated, and positive person. Working with him was a real pleasure, both professionally and personally.

A rare talent, which I recommend without hesitation. 🙌”

— [Julien Paput](#), Lead Engineering Manager – ex-manager (Betclic)

💬 “I worked with Alexandre for almost 3 years, where he was the lead tech on our project.

I greatly appreciated his technical skills, his constant concern for best practices, his involvement and his ability to guide the team effectively.

He is an excellent developer and a very good technical leader whom I highly recommend.”

— [Lenni Lacombe](#), Web Developer – colleague (ADMR)

💬 “Alexandre is a very competent and effective teacher. He helped the team develop their skills and supported my own progress throughout our project. Very friendly and cheerful, I highly recommend him.”

— [Adrien Pointeau](#), Full Stack Engineer – colleague (ADMR)

Q "Alex is a great developer with a straightforward manner and a contagious good humor. He is determined to complete the tasks assigned to him, however difficult they may be. And he only stops when he has succeeded.
He is an expert in his field who shines with his attention to detail and love of a job well done. He's talented, pleasant, and has a great sense of humor and seriousness. He's the kind of lead everyone would love to have :)"

— [Gregory Guillaume](#), Android Developer – colleague (ADMR)

Q "Alexandre is a serious and competent person, always in a good mood, who knows how to work independently but also with other team members.
Having Alexandre on the team is a real pleasure!"

— [Tania Etjemesian](#), Product Owner – Air France

Q "I recommend Alexandre because he is serious, rigorous and always tries to improve. Furthermore, he integrated quickly into the team and brought his daily good humor."

— [Tahar Hadhab](#), Angular Technical Leader – ex-manager (Banque Populaire)

Q "Professional, proactive, kind, naturally friendly, and highly competent (full stack Angular), Alexandre learns very quickly, contacts the right people, and delivers a high-quality product. His positive attitude leaves a void in the team."

— [Maxime Belzunce](#), Co-founder of CYLABS – former manager (Air France)

Q "Alexandre, in addition to demonstrating genuine motivation, has a taste for a job well done. Proven experience respecting best practices in web design and web integration, coupled with impressive productivity for anyone developing alongside him."

— [Clement Pascaud](#), Full Stack Engineer – colleague (Air France)

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