



# Alexandre MARTINEZ

Angular Tech Lead / Full-stack Developer  
Freelance

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30 years old

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I had the opportunity to work on many different projects during these last 4 years which allows me to give strong technical recommendations in order to produce a **performant** and **reliable product** with **unit and end-to-end testing** implementation. I stand out by my will to **adapt** to my clients needs, my dedication to produce **maintainable** solutions and my **interpersonal skills**.

## Skills

### Front-End

- **Angular / Typescript** / Javascript
- **NgRx** / **NGXS** / **RxJs**
- **SASS** / **Less** / **Native CSS**
- **Karma** / **jasmine** / **Jest** / **ngMocks** / **spectator** / **Cypress**
- **Angular Material** / **Bootstrap 4**

### Back-End

- **Server Side Rendering (Universal)**
- **Node.js**
- **graphql**, **Apollo graphql**
- **Java** / **Spring** / **Hibernate**
- **python** / **django**
- **rabbitMQ** / **activeMQ**

### Tools

- **MySQL** / **PostgreSQL** / **MongoDB**
- **Nx Workspace**, **Git** / **Gitflow** / **Code review**
- **OAuth2**
- **Agile methods** / **Scrum** / **SAFe**
- **Devops CI/CD** / **Gitlab** / **Jenkins** / **Bamboo**

### Languages

- **Fluent English**
- **Native French**

## Experience

### **Air France** – Angular Developer - Freelance

Added Travel Guide on [www.airfrance.fr](https://www.airfrance.fr) and [www.klm.nl](https://www.klm.nl), 18 millions unique users per week.

February 2022 – October 2022 (9 months) – **Angular 8/12 + Material, graphql + Apollo, Jest + spectator, SSR, Cypress, Nx Workspace, SAFe**

- **Gave technical guidance and participated in building 3 pages for Travel Guide feature:**
  - [www.airfrance.fr/travel-guide/destinations](https://www.airfrance.fr/travel-guide/destinations).
  - [www.airfrance.fr/travel-guide/destinations/france/france/toulouse](https://www.airfrance.fr/travel-guide/destinations/france/france/toulouse).
  - [www.klm.nl/travel-guide/inspiration/romantic-cruise-on-the-canal-du-midi](https://www.klm.nl/travel-guide/inspiration/romantic-cruise-on-the-canal-du-midi)
- **Data fetching through graphql and Apollo graphql Client**
- **Angular Material usage within internal UX library with emphasis on accessibility**
- **Test coverage with Jest + Spectator and Cypress**
- **Go Live in production and Live Monitoring**
- **Conducted heavy code reviews**
- **Daily english speaking during technical meetings and SCRUM ceremonies**

## Airbus Defense and Space – Angular Developer - Freelance

Angular library and highly customizable portal development for defense field clients.

June 2021 – Now (6 months) – **Angular 8/12 + Material, NGRX, Karma/jasmine, ngMocks, SAlFe**

- Both projects migrated from Angular 8 to 12
- Built a notification system feature
- State management with Angular and NGRX
- Advanced customization and feature toggling
- Angular Material use and applied advanced Angular Material theming
- 100% test coverage avec Karma/jasmine
- Code produced put under heavy code review
- Daily english speaking during technical/client meetings and demos

## Airbus Aircraft – Lead Angular Developer - Freelance

From Microsoft to Google tools migration (e.g Outlook to Gmail) web-platform development.

February 2020 – April 2021 (14 months) – **Angular 11, python/django, rabbitMQ, mySQL, agile**

- Technical lead on the 3 front-end projects
- Two projects migrated from Angular 7 to 11 (including RxJs 5 and Http refactor)
- Built an Angular library handling authentication with OAuth2 protocol and permission management (On the front-end with Angular and on the back-end with python/Django)
- Huge work on UX and UI related topics like components style standardization
- Mentoring on Angular good practices, Artifactory, Confluence and npm scripts usage

## Informatique Banque Populaire – Angular Developer - Freelance

Developed part of portal overhaul used by individuals to access their financial records.

September 2019 – December 2019 (4 months) – **Angular 8 + Material, Jest, NGXS, Sass, SAlFe**

- Built commercial proposal feature
- State management with Angular and NGXS
- Followed internal guidelines and best practices in a strict manner
- 100% test coverage with Jest

## Air France – Full-stack Developer – Angular – Java/Spring

Angular components catalog transversal to Air France IT teams development.

April 2019 – September 2019 (5 months) – **Angular 8 + Material, Java 8, activeMQ, Spring, Spring Boot 2, Spring Batch, maven, Hibernate, postgresSQL, mongoDB, Teradata**

- Multiple KPI calculations in real time or in batch processing
- Built Angular libraries consuming those in order to display valuable charts
- Data sourcing from Teradata, MongoDB or PostgreSQL
- Started working on “how to” internal AF website to guide library implementation

## **GFI** – Full-stack developer – Angular/angularJS – Java/Spring

Internal SIRH web-platform development.

*April 2018 - April 2019 (1 year) – **Angular 7**, angularJS, **Java**, **Spring**, **Hibernate**, **MySQL***

- **Bugfixing and performance improvements on historical angularJS project**
- **Rebuilt historical angularJS project in modern Angular 7 application**
- **Handled project back-end, databases and deployment**

## **Education**

July 2018 – Level III Professional Title “Software Developer”

AFPA Balma