



## CONTACT


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## EDUCATION

### MASTER OF SCIENCES MICROELECTRONICS

#### HONORS

Pierre and Marie Curie University  
1991 - 1992

### BACHELOR OF SCIENCES COMPUTER

#### SCIENCE HONORS

Pierre and Marie Curie University  
1987 - 1991

## LANGUAGES


FRENCH Native

ENGLISH C1 (Advanced)

SPANISH C2 (Fluent)

PORTUGUESE B1 (Intermediate)

## SKILLS


Software Engineering Management 

Talent acquisition & development

Innovation

Roadmap

Mentoring


Software Architecture & Technical strategy 

Digital Transformation

Technology migration

Software Factory

Teams topologies

Agile Methodologies 

Scrum

Kanban

SAFe

Lean

OKRs

# ANTOINE MARTIN

## CTO / VP ENGINEERING

### SUMMARY

Technology executive with over 12 years of CTO/VP Engineering experience, leading teams of up to 50 across 3 continents. Drove cloud/mobile transformations and delivered solutions adopted by millions. Specialized in software architecture, tech migration, and complex project management. Seeking a CTO or Head of Engineering position to accelerate growth in an innovative company.

### EXPERIENCE

#### CHIEF TECHNICAL OFFICER

**Octave | <https://octave.biz> | Feb 2023 - May 2025 (2 years 3 months)**

Managing the R&D and Product Organization (30 people) on 3 Locations: Angers, Fatima (PT) and Beirut (LB) in the context of a challenging acquisition and reboot of the offering

- Maintained operations in the context of C-Level transition and organizational changes
- Rebuilt the R&D organization and the product roadmap
- Rebooted the software factory and the hosting platform (Github, Github Actions, Azure)
- Designed an innovative, scalable architecture for our SaaS evolution, maintaining full continuity with the existing ecosystem (Self Contained Systems, Event Sourcing, Kubernetes, GraphQL APIs, CI/CD, Data as a Product, Continuous Data Migration)
- Developed partnerships with key technology providers

#### VP ENGINEERING

**Unowhy | <https://unowhy.com> | Mar 2018 - Dec 2021 (3 years 9 months)**

Managed the development and successful massive deployment of a new offering on a completely new technical stack while maintaining and migrating the existing one.

- Rebuilt the software factory around Gitlab/Gitlab-CI/Kubernetes/Ansible
- Migrated from a « bare metal » monolith architecture to an asynchronous (event sourced) micro-services-based architecture hosted on a public cloud (OVH managed Kubernetes)
- Developed the HiSqool Mobile Device Management (MDM) solution for the French Ile-de-France region (Paris Area) allowing the real-time management of 500K+ devices (Windows based laptops, Android tablets)
- Developed an inventory tracking web-based solution (React, GraphQL) for the devices.
- Led the team from 1 Feature team & 1 QA Team to 3 Feature Teams, 1 QA Team & 1 Devops Team.
- While maintaining the solution and developing new software, managed the needed technology transitions: Angular → React, Ruby → Python/Typescript, Rails/Django/Flask → FastAPI, MySQL → PostgreSQL, REST → GraphQL, Pull → Reactive, Custom Auth → OAuth/OIDC, Java → Kotlin, Docker compose → Kubernetes, ...

#### MOBILE & CLOUD FREELANCE EXPERT

**Eurosport, Microsoft, TF1, Accor & Others | Aug 2010 - Feb 2018 (7 years 6 months)**

Helping big organizations master mobile technologies and the cloud: • Technical leading, Mentoring and training • Software Architecture & Technical specs writing (Mobile Application & Cloud) • Mobile applications development and refactoring • CI/CD and Application submission management • Hiring interviews & Technical Assessment • Subcontractors management • Agile processes coaching

- Retro-documented, performed technical analysis and proposed architecture and processes evolution: TF1, Microsoft, Accor, ...
- Implemented mobile CI/CD and managed dozens of application submissions: Eurosport, MyTF1, Accor All, ...
- Handled the refactoring and modularization of All In One applications: MyTF1, Accor All.
- Internalized development teams while maintaining the development flow with subcontractors: TF1, Accor All.
- Developed & launched new Mobile Applications: Livescore (Eurosport), Eurosport Player for Android, WAT (TF1), TFou Max (TF1), Xbox Music (Microsoft), Jo&Joe (Accor)
- Eased the technology transitions: Java to Kotlin, Objective-C to Swift, Hybrid to Native, ...
- Improved dramatically application performance by optimizing application/backend dialog: Eurosport, MyTF1, Microsoft, Accor.

#### VICE PRESIDENT OF ENGINEERING

## Frontend Development

TypeScript React Angular RxJs Apollo GraphQL

Webpack

## Android Development

Java Kotlin Gradle Koin Retrofit Gson RxJava

## iOS Development

Swift Objective-C Alamofire CocoaPods Carthage

RxSwift

## Backend Development

Django Flask FastAPI NodeJS Express NestJS

Ruby on Rails Java Spring .Net Core Go

## Backend Architecture

Kubernetes Docker Hasura PostgreSQL Redis

Keycloak Grafana Prometheus Loki Mosquitto/EMQX

EventStore

## Cloud Platforms

AWS Azure GCP OVHCloud Scaleway OpenStack

## Collaborative development

Git Github Gitlab Jira Notion

## CI/CD

Github Actions Gitlab-CI Jenkins Argo CD

Argo Workflow

## Devops

Terraform Terragrunt Ansible Vault Packer

## Embedded Development

C++ Linux Arduino Nucleus BLE

## Realeyes3D | Sep 2003 - Jul 2010 (6 years 10 months)

• Product portfolio and lifecycle management • Design, architecture and development of the embedded apps and technologies • Professional services management (pre-sales and client support) • Talent acquisition and management

- Built the engineering team (12 people) with very low turn-over (2 people in 3.5 years)
- Designed & built the development, QA/Release & support environment & processes
- Developed & maintained a recognized level of technical credibility with clients & partners (Samsung, Nokia, Kyocera, ...)
- Shipped more than 100 millions phones worldwide with Realeyes3D's applications
- Actively participated in the 2nd round of financing (7,5M€ or 9M\$)
- Successfully developed and launched the subscription based document scanning site [www.qipit.com](http://www.qipit.com)
- Participated in the development of 2 Patents

## DEVELOPMENT MANAGER - MOBILITY APPLICATIONS

**Webraska (now Masternaut) | <https://www.masternaut.com> | Feb 2001 - Aug 2003 (2 years 6 months)**

- Developed a multi platform (Windows Mobile, Symbian, Linux) off-board navigation SDK used in several Fleet Management applications (C++).
- Developed embedded off-board navigation applications deployed by Orange France, O2 Germany & Vodafone Italy (Windows Mobile, Symbian)
- Managed Web based LBS Call center applications for Telstra (Australia) & Vodafone Italy (J2EE, ActiveX)
- Developed and maintained a Navigation server including provisioning, AAA, logging and billing
- Built and Managed a team of talented embedded applications developers (6-12 people)

## E-BUSINESS PROJECT MANAGER

**Pfizer | <https://www.pfizer.fr> | Dec 1998 - Feb 2001 (2 years 2 months)**

- Designed developed and managed the french subsidiary Intranet
- Developed several knowledge sharing intranet applications (ASP/SQL Server)
- Participated in pan-European workgroups defining the corporate extranet architecture and selecting Knowledge Management tools
- Managed and internal study to identify best Intranet/Extranet/Internet initiatives leading to the definition of the affiliate e-Business strategy
- Supported stakeholders in the development of their Websites projects (corporate website, community websites)
- Deployed a connected Salesforce Automation PC based application

## PROJECT MANAGER

**Atos Multimedia | <https://atos.net> | Jul 1993 - Nov 1998 (5 years 4 months)**

• Team management (6-8 engineers) • Client portfolio management (1.5 M€ / Year) • Pre-sales support & Project management • Websites development, deployment & Production management

- Successfully helped clients transition from "French Minitel" applications to internet while securing the existing revenue stream ([www.leparisien.fr](http://www.leparisien.fr), [www.liberation.fr](http://www.liberation.fr), [www.mieuxvivre.fr](http://www.mieuxvivre.fr), [www.cadresonline.com](http://www.cadresonline.com))