



Emilien Escalle

I combine technical coaching, DevX excellence, and cloud-native modernization to transform product quality and velocity while keeping teams autonomous and accountable. I help companies industrialize their development and elevate their teams' technical capabilities. On-demand CTO and Senior Lead Dev for missions that need structure, velocity, and clean execution. Node.js & PHP expert with deep mastery of NestJS, Symfony, and Laravel frameworks.

Aix-en-Provence Provence-Alpes-Côte d'Azur www.escemi.com

LinkedIn · www.linkedin.com/in/emilienescal

GitHub · github.com/neilime

Collective · app.collective.work/collective/emilien-escal

Malt · www.malt.fr/profile/emilienescal

SKILLS

Methods & Leadership

Technical coaching · DevX

Software craftsmanship

Lean · Agile · Team Velocity

Core Tech

Node.js (NestJS) PHP (Symfony, Laravel)

TypeScript / JavaScript

Clean Architecture · DDD · TDD

DevOps & Cloud

GitHub Actions · GitLab CI Docker · AWS

Observability · OpenTelemetry

LANGUAGES

French

NATIVE

English

FULL PROFESSIONAL

EDUCATION

Master 2 MIAGE (Computer Methods Applied to Business Management)

SEP 2007 – JUN 2010

Université Aix-Marseille III Paul Cézanne

DUT GEA (Business and Administration Management)

SEP 2005 – JUN 2007

IUT GEA Gap

CERTIFICATIONS

LFC102: Inclusive Open Source Community Orientation

NOV 2024 – NOV 2024

The Linux Foundation

PROFESSIONAL EXPERIENCE

On-Demand CTO & Senior Lead Developer

ESCEMI - Strategic Technical Partner

www.escemi.com

SEP 2019 – PRESENT

Aix-en-Provence, France

Independent strategic partner for SMEs and scale-ups that need industrialized delivery without a permanent CTO. I architect SOLID-centric platforms, tailor CI/CD and observability stacks, and embed coaching so mixed-seniority teams become autonomous.

- Challenge: ambitious product roadmaps executed by under-structured mixed-seniority teams
- Actions: engineering of SOLID-centric API platforms, tailoring of client-specific CI/CD + IaC stacks, execution of FinOps reviews, and immersive coaching
- automation of **90%** quality gates, achievement of **<30 min** deployments, generation of **€80-150K**/year savings, preparation of squads for 10x traffic

Fractional CTO Senior Lead Dev SOLID CI/CD IaC Observability FinOps
Immersive Coaching

Chief Technical Officer

Ouistiti - Co-founder & CTO

SEP 2018 – SEP 2019

Aix-en-Provence, France

Co-founded Ouistiti to launch a zero-debt travel inspiration platform, owning product engineering from concept to growth. Delivered a JAMStack/serverless stack on AWS, orchestrated continuous UX loops, and instrumented the growth engine with SEA, CRM, and analytics.

- Challenge: launch of a zero-debt travel inspiration MVP under 3 months with aggressive acquisition goals
- Actions: delivery of JAMStack/serverless stack on AWS, execution of rapid UX experimentation, implementation of data-driven CRM/SEA funnels, and creation of product ops dashboards
- shipment of MVP in 12 weeks, achievement of **<500 ms** loads, attainment of **5K MAU** in 6 months, increase of **+40%** engagement, acquisition of **300+** sign-ups/week at **€2.50 CPA**

JAMStack Serverless AWS UX SEA MVP Nest.js React

PROFESSIONAL EXPERIENCE

Technical Director & IS Architect

Qwamplify Group - Technical Director & IS Architect

www.qwamplify.com

SEP 2013 – AUG 2018

Rousset, France

Led the 3-year modernization program for Qwamplify, consolidating 8 business units, taming a legacy PHP estate, and sustaining high-volume marketing campaigns. Owned the IT master plan, architecture standards, and delivery governance for a 25-person engineering org.

- Challenge: fragmented legacy PHP stack blocking consolidation of 8 business units and rapid campaign launches
- Actions: execution of 3-year IT master plan, introduction of SOA/microservices and standardization of environments, enforcement of CI/CD + observability governance
- reduction of release cycle from 4w to 1w, decrease of production defects by **-55%**, achievement of sprint reliability at **85%**, generation of **€200K**/year maintenance savings

IT Master Plan

SOA/microservices

CI/CD

Observability

Standardized Environments

Legacy PHP

Application Systems Manager

Logicielnet

logicielnet.fr

SEP 2010 – SEP 2013

Aix-en-Provence, France

Owned the evolution of the company's modular SaaS core product, from requirements gathering through development leadership to client validation of each release.

- Challenge: Balance of client-driven innovations with mounting technical debt while maintaining a packed SaaS roadmap.
- Actions: Prioritization of roadmap governance, leadership of a cross-functional squad with mandatory code reviews, and enforcement of a shared Zend Framework baseline.
- Delivery of **20+** major upgrades annually, stabilization of release quality, and reduction of request-to-production lead time by **30%**.

Modular SaaS

Project Management

SaaS Roadmap

Zend Framework

Code Reviews

Cross-functional Team

R&D Engineer

Logicielnet

logicielnet.fr

SEP 2009 – SEP 2010

Aix-en-Provence, France

Designed and built a Web Callback (click-to-call) module to improve customer relationships inside the company's application panel.

- Challenge: Delivery of instant customer callbacks inside the legacy SaaS while integrating external VoIP providers.
- Actions: Engineering of a Zend Framework/PHP callback service with secure, reusable widgets covering **100%** of client-facing screens and comprehensive rollout documentation.
- Reduction of customer follow-up time by **40%** and enablement of support teams to deploy the feature without regressions.

Web Callback

Click-to-call

VoIP

Zend Framework

PHP

JavaScript

Support

Air Corsica - DevX Platform Engineering

Air Corsica

DevX Lead
Platform Engineer
Technical Mentor

JAN 2023 – PRESENT · CONSULTING

Modernized developer experience and transactional security for airline booking platform through GitHub Actions CI/CD ecosystem, hands-on mentoring, and resilient

- Reduction of deployment time by **80%** (from ~**2 days** manual work to <**30 minutes** fully automated) via reusable GitHub Actions workflows with canary deployments and automated rollbacks
- Increase in release frequency by **5x** (from monthly to weekly feature releases) through implementation of Cloud Native principles, ensuring staging/production parity

DevX GitHub Actions CI/CD NestJS RabbitMQ
Clean Architecture

www.youtube.com/watch?v=Xb8PKOdTlA

TestUnMetier - CTO Accompaniment

TestUnMetier

CTO Consultant
Strategic Advisor

NOV 2021 – MAY 2022 · CONSULTING

Two-phase strategic consulting engagement for a career guidance platform: comprehensive IT audit followed by monthly CTO accompaniment covering product roadmap,

- Conduction of 1-week IT audit analyzing application architecture, development processes, and team organization, identifying 12 priority improvement areas that reduced technical risk by **60%**
- Structuring of interviews with 8 stakeholders (product, project, tech leads) to map system dependencies and bottlenecks, reducing feature delivery timelines by ~**40%**

CTO Accompaniment IT Audit Technical Strategy
Roadmap Planning Team Building Vendor Management

www.testunmetier.com

Critical Infrastructure IoT Gateway Platform

Global Smart Infrastructure SaaS Provider

IoT Platform Architect
Lead Developer

APR 2025 – JUL 2025 · CONSULTING

High-performance IoT gateway for global smart infrastructure SaaS provider, unifying heterogeneous device integration across data centers and smart buildings with Redis-backed

- Achievement of **99.99%** production uptime by implementing Redis caching, edge queueing, and automatic retry strategies with exponential backoff
- Reduction of data loss incidents by **85%** through resilient fallback mechanisms that buffer messages during SaaS platform outages

Node.js TypeScript NestJS Redis OpenTelemetry
OpenAPI

Tekkare - Technical Mentoring & Architectural Bootstrap

Tekkare

Technical Mentor
Backend Architect

APR 2022 – JUN 2022 · CONSULTING

Hands-on mentorship of development team for technical services management platform, accelerating their skill growth in GraphQL/modern backend API architecture and optimizing

- Reduction of new feature development time by **40%** through optimized GraphQL architecture with NestJS, replacing multiple REST endpoints with unified, type-safe queries
- Acceleration of new developer onboarding from ~**2 weeks** to ~**5 days** via living architectural documentation, reusable patterns, and annotated code examples

GraphQL NestJS Node.js PostgreSQL ORM
TypeScript

tekkare.com

Atlas des Régions Naturelles (ARN) - Backend Architecture

Atlas des Régions Naturelles

JUN 2022 – DEC 2023 · CONSULTING

Backend Architect

Lead Developer

Designed and developed backend architecture for the ARN photographic archive platform, documenting **15,000+** images of French landscapes and buildings through an optimized

- Architecting of photo archive platform managing **15,000+** high-resolution images with multi-criteria filtering (region, typology, materials, period), ensuring <300ms response time and 99.9% uptime
- Implementation of hybrid categorization system with full-text indexing handling **10,000+** daily search queries with geographic, thematic, and historical navigation

NestJS

Laravel

Backend Architecture

REST API

GraphQL

Image Processing

www.archive-arn.fr**Tekoway / Eukles - Architecture Standardization**

Tekoway / Eukles

JAN 2020 – JAN 2023 · CONSULTING

Technical Mentor

Architecture Lead

3-year strategic technical mentorship across European development teams, standardizing architecture and boosting delivery efficiency for PHP/Symfony and Node.js/NestJS

- Reduction of project bootstrap time by **45%** (from ~10 to ~5.5 days) through shared architecture blueprints applying Clean Architecture and SOLID principles across Symfony and NestJS stacks
- Acceleration of developer onboarding x2 faster (from ~3 weeks to 1.5 weeks) via unified project templates, automated setup scripts, and common tooling across European locations

PHP

Symfony

Node.js

NestJS

Clean Architecture

DevOps

www.tekoway.com**COMMUNITY LEADERSHIP****Cloud Native Aix-Marseille**

OCT 2022 – PRESENT

Co-organizer & Speaker

Promoting cloud-native technologies in the Aix-Marseille region with **60+** meetups animated for **1,200+** members alongside the CNCF community.

- Co-organization of **60+** Cloud Native meetups (61 past events) uniting **1,200+** registered members across the Aix/Marseille tech scene
- Delivery of 6 technical talks on Kubernetes, GitOps, and DevOps practices while sustaining a **4.8★** score based on 250 Meetup reviews

www.cloudnative.aixmarseille.tech**Aix-Marseille Université**

JAN 2019 – PRESENT

Professional instructor

Teaching software architectures and web development best practices.

- Teaching of software architecture course to **60+** Master's students annually, covering practical applications of Clean Architecture, SOLID, and design patterns
- Development of hands-on curriculum with **10+** real-world case studies, achieving **90%** student satisfaction rating and **85%** pass rate

www.univ-amu.fr