



ON-DEMAND CTO & DEVX EXPERT

Emilien Escalle

I combine technical coaching, DevX excellence, and cloud-native modernization to transform product quality and velocity while keeping teams autonomous and accountable.

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

🔗 LinkedIn · www.linkedin.com/in/emilienescalle ↗ GitHub · github.com/neilime

↗ Collective · app.collective.work/collective/emilien-escalle ↗ Malt · www.malt.fr/profile/emilienescalle

SKILLS

🧠 Methods & Leadership

Technical coaching · DevX · Clean Code · Design Systems · Mentoring
15+ teams · Lean · Agile · Product velocity

⌚ Core Tech

Node.js (NestJS) · PHP (Symfony, Laravel) · TypeScript / JavaScript ·
Clean Architecture · SOLID · TDD

☁️ DevOps & Cloud

Github Actions · GitLab CI · Docker · AWS · Observability ·
OpenTelemetry

LANGUAGES

🇫🇷 French

Native

🇬🇧 English

Professional working proficiency

EDUCATION

SEP 2007 – JUN 2010

Master 2 · MIAGE (Computer Methods Applied to Business Management)

Université Aix-Marseille III Paul Cézanne

SEP 2005 – JUN 2007

DUT · GEA (Business and Administration Management)

IUT GEA Gap

CERTIFICATIONS

LFC102: Inclusive Open Source

IMPACT MISSIONS

ESCEMI - STRATEGIC TECHNICAL PARTNER

WWW.ESCEMI.COM

On-Demand CTO & Senior Lead Developer

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: engineered SOLID-centric API platforms, client-specific CI/CD + IaC stacks, FinOps reviews, and immersive coaching
- Results: 90% automated quality gates, <30 min deployments, €80-150K /year savings, squads ready for 10x traffic

OUISTITI - CO-FOUNDER & CTO

Chief Technical Officer

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 a zero-debt travel inspiration MVP under 3 months with aggressive acquisition goals
- Actions: delivered JAMStack/serverless stack on AWS, rapid UX experimentation, data-driven CRM/SEA funnels, and product ops dashboards
- Results: MVP shipped in 12 weeks, <500 ms loads, 5K MAU in 6 months, +40% engagement, 300+ sign-ups/week at €2.50 CPA

 **QWAMPLIFY GROUP - TECHNICAL DIRECTOR & IS ARCHITECT**

WWW.QWAMPLIFY.COM

Technical Director & IS Architect

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: ran 3-year IT master plan, introduced SOA/microservices and standardized environments, enforced CI/CD + observability governance

 **LOGICIELNET****Application Systems Manager**

Sep 2010 – Sep 2013

Aix-en-Provence, Provence-Alpes-Côte d'Azur, France · On-site

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

- Structured the SaaS roadmap and shipped **20+** major upgrades per year by balancing client innovations with technical debt reduction
- Led a cross-functional squad (dev, QA, support) and instituted code reviews plus a shared Zend Framework baseline to stabilize releases

 **LOGICIELNET****R&D Engineer**

Sep 2009 – Sep 2010

Aix-en-Provence, Provence-Alpes-Côte d'Azur, France · On-site

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

- Engineered the Web Callback service on Zend Framework/PHP with VoIP integration, cutting customer follow-up time by **40%**
- Created reusable, secure JavaScript widgets to expose click-to-call across **100%** of client-facing screens

 **KEY PROJECTS****Air Corsica - DevX Platform**

DevX Lead

Platform Engineer

Critical Infrastructure IoT Gateway Platform

IoT Platform Architect

Lead Developer

Engineering

Air Corsica

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 NestJS/RabbitMQ proxy architecture.

- Reduced 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
- Increased release frequency 5x (from monthly to weekly feature releases) through infrastructure-as-code (Terraform + ArgoCD) ensuring staging/production parity

DevX GitHub Actions CI/CD NestJS
RabbitMQ Clean Architecture

www.youtube.com/watch?v=Xb8PKOdTiA

TestUnMetier - CTO

Accompaniment

TestUnMetier

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, technical recruitment, and infrastructure/security vendor management.

- Conducted 1-week IT audit analyzing application architecture, development processes, and team organization, identifying 12 priority improvement areas that reduced technical risk by **60%**
- Structured 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

Technical Mentor

Global Smart Infrastructure

SaaS Provider

JAN 2023 – AUG 2024 · CONSULTING

High-performance IoT gateway for global smart infrastructure SaaS provider, unifying heterogeneous device integration across data centers and smart buildings with Redis-backed resilience, automated CI/CD, and OpenTelemetry observability.

- Achieved **99.99%** production uptime by implementing Redis caching, edge queueing, and automatic retry strategies with exponential backoff
- Reduced 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 development practices.

- Reduced new feature development time by **40%** through optimized GraphQL architecture with NestJS, replacing multiple REST endpoints with unified, type-safe queries
- Accelerated 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

Designed and developed backend architecture for the ARN photographic archive platform, documenting 15,000+ images of French landscapes and buildings through an optimized NestJS/Laravel stack focused on performance and scalability.

Backend Architect

Lead Developer

- Architected photo archive platform managing **15,000+** high-resolution images with multi-criteria filtering (region, typology, materials, period), ensuring < **300m** s response time and **99.9%** uptime
- Implemented 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

3-year strategic technical mentorship across European development teams, standardizing architecture and boosting delivery efficiency for PHP/Symfony and Node.js/NestJS projects before and after Tekoway's integration into Eukles.

Technical Mentor

Architecture Lead

- Reduced 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
- Accelerated 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 in collaboration with the CNCF community.

- Co-organized **8+** Cloud Native meetups and events attracting **300+** professionals, growing community from 50 to **400+** members in 2 years
- Delivered 6 technical talks on Kubernetes, GitOps, and DevOps practices, receiving 4.5★ average rating from attendees

www.cloudnative.aixmarseille.tech

Aix-Marseille Université

Jan 2019 – Present

Professional instructor

Teaching software architectures and web development best practices.

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

www.univ-amu.fr

