

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/emilienescalles

GitHub · github.com/neilime

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

Malt · www.malt.fr/profile/emilienescalles

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

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 Community Orientation

The Linux Foundation · 2024

► 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.

- Challenge: Balance client-driven innovations with mounting technical debt while maintaining a packed SaaS roadmap.
- Actions: Prioritized roadmap governance, led a cross-functional squad with mandatory code reviews, and enforced a shared Zend Framework baseline.

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.

- Challenge: Deliver instant customer callbacks inside the legacy SaaS while integrating external VoIP providers.
- Actions: Engineered a Zend Framework/PHP callback service with secure, reusable widgets covering **100%** of client-facing screens and comprehensive rollout documentation.

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 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=Xb8PKOdTilA**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, 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**Critical Infrastructure IoT****Gateway Platform**

Global Smart Infrastructure SaaS Provider

IoT Platform Architect

Lead Developer

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 Mentoring**

Technical Mentor

Backend Architect

Tekkare

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.

- Architected 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
- Implemented hybrid categorization system with full-text indexing handling **10,000+** daily search queries with geographic, thematic, and historical navigation

NestJS, Laravel, Backend Architecture

Backend Architect

Lead Developer

GraphQL, Image Processing

REST API

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.

- 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 ~ 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

Technical Mentor

Architecture Lead

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-organized **60+** Cloud Native meetups (61 past events) uniting **1,200+** registered members across the Aix/Marseille tech scene
- Delivered 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.

- 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