

Emilien Escalle

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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/emilienescalle

GitHub · github.com/neilime

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

Malt · www.malt.fr/profile/emilienescalle

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

► PROFESSIONAL EXPERIENCE

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: engineering of SOLID-centric API platforms, tailoring of client-specific CI/CD + IaC stacks, execution of FinOps reviews, and immersive coaching
- Results: automation of **90%** quality gates, achievement of <30 min deployments, generation of **€80-150K/year** savings, preparation of squads 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 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

- Results: 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

PROFESSIONAL EXPERIENCE

● **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: execution of 3-year IT master plan, introduction of SOA/microservices and standardization of environments, enforcement of 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 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.

● **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: 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.

Air Corsica - DevX

DevX Lead

Platform Engineering

Platform Engineer

Air Corsica

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.

- 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

CTO Consultant

Accompaniment

Strategic Advisor

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.

- 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

IoT Platform Architect

Gateway Platform

Lead Developer

Global Smart Infrastructure**SaaS Provider**

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 resilience, automated CI/CD, and OpenTelemetry observability.

- 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

Technical Mentor

Mentoring & Architectural

Backend Architect

Bootstrap**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.

- 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

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.

- 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

Backend Architect

Lead Developer

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.

- 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

Technical Mentor

Architecture Lead

COMMUNITY LEADERSHIP**Cloud Native Aix-****Marseille****Co-organizer & Speaker**

Oct 2022 – Present

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