



Emilien Escalle

Senior lead developer focused on hands-on delivery, DevX excellence, and cloud-native modernization to keep teams autonomous and accountable. I help product teams ship reliable Node.js/PHP platforms faster through clean architecture, CI/CD automation, and pragmatic coaching. Hands-on mentor 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

Senior Lead Developer & Technical Partner

ESCEMI - Senior Technical Partner

www.escemi.com

SEP 2019 – PRESENT

Aix-en-Provence, France

Independent senior lead developer for SMEs and scale-ups that need industrialized delivery without a permanent technical leader. 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

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 ~**2 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

- 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

Technical Mentor

Architecture Lead

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

- 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

Backend Architect

Lead Developer

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