

Emilien
Escalle

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/emilienescale

GitHub · github.com/neilime

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

Malt · www.malt.fr/profile/emilienescale

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

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 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.

- 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=Xb8PKOdTiIA

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 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

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.

- 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

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.

- 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

Backend Architect

Lead Developer

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

Tekoway / Eukles - Architecture Standardization

Technical Mentor

Architecture Lead

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

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 Professional instructor

Jan 2019 – Present

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