

Contact

EMAIL
contact@elienehme.fr

WEBSITE
elienehme.fr

LINKEDIN
linkedin.com/in/elie-nehme

GITHUB
github.com/elie29

WRITING
elie29.medium.com ·
elie29.hashnode.dev

LOCATION
Paris, France

Impact

-53%

deployment time
at CNAV

-40%

time-to-market at
CNAM

78

apps in the Oracle
to PostgreSQL
roadmap

€2M

annual cloud
savings (-30%)

1,300+

professionals
trained

1,200

largest keynote
audience

Expertise

- Technology strategy & transformation
- Engineering operating models
- Architecture & platforms
- Applied AI & emerging tech
- Tech governance & risk
- Strategy into execution

Education

Engineering Degree (MSc level), Information Systems
CNAM · 2016 · IESF registered

Certified IT Solutions Architect (RNCP level II)
CNAM · 2015

Bachelor's Degree in Computer Science
CNAM · 2008

Elie Nehmé

SOFTWARE & SOLUTIONS DIRECTOR

Author · Trainer · Keynote speaker

Profile

Technology executive with 25+ years across engineering, architecture and technical leadership. I help executive committees and CIOs turn complex technology challenges into roadmaps that actually get delivered, by aligning strategy, organisation, engineering and architecture. Track record in the public sector, social security and energy — most recently taking AI from pilot projects to a real engineering capability.

Experience

Software & Solutions Director OCT 2025 — PRESENT
Sopra Steria · Paris

Advise Group entities upstream on architecture and security decisions. 5 programmes audited a year · 12 architects across 4 entities · 7 direct reports.

- Audit major programmes and challenge their technology roadmaps
- Embed AI in engineering practice: 5–10% measured productivity gains, broader test coverage, automated vulnerability fixes
- Govern technology risk and compliance: NIS2, DORA and the Cyber Resilience Act
- Lead the Group-wide architecture community

Director, Craft · DevSecOps · GenAI DEC 2021 — OCT 2025
Sopra Steria Next · Digital Centre of Excellence · Paris

Led the Craft & DevSecOps practice, advising CIOs on 6- to 20-month transformation programmes. Created the firm's transformation offerings (4S@ Method, AIM®, AIM RIGHT®) and trained engineering teams in DDD, microservices, Clean Architecture and prompt engineering.

CNAV National pension fund · 16 months	Set a 3-year DevSecOps and GenAI roadmap rolled out across 4 sites; defined DevSecOps standards and streamlined OpenShift delivery. Deployment time cut by 53%.
CNAM National health insurance · 15 months	Shaped a 5-year technology strategy and led the DevOps transformation across 2 sites. Time-to-market down 40%.
INSEE National statistics office · 20 months	Drove a 3-year engineering transformation across 7 regions through a national pilot team and hands-on coaching. 62 staff trained, Sonar issues halved, test coverage up from 28% to 60%.
Orano Nuclear fuel cycle · 11 months	Reorganised the Paris software factory (37 FTEs) and prepared its scale-up to 4 sites. Budget reduced by 15%.
DGFIP Public finance authority · 12 months	Audited flagship programmes and led DevSecOps across 5 data centres: 30% of the portfolio migrated, zero-downtime Blue/Green releases, centralised Prometheus/Grafana monitoring.
MGEN · CNAF 6 months each	Designed the target engineering organisation and centres of excellence; architecture, reactive programming and a Kubernetes platform.

Certifications

AWS Certified Solutions Architect – Associate

Amazon Web Services · 2023

Certified SAE® 5 DevOps Practitioner

Scaled Agile · 2021

Certified Ethical Hacker

EC-Council · 2019

Languages

French fluent

English professional

Technologies

ARCHITECTURE

DDD Event-Driven

Microservices Kafka

CLOUD & PLATFORMS

Kubernetes OpenShift AWS

Terraform

DEVSECOPS

GitLab CI ArgoCD

SonarQube OpenTelemetry

AI

Generative AI RAG

Context Engineering

DATA

PostgreSQL Oracle

COMPLIANCE

NIS2 DORA CRA

EXPERIENCE — CONTINUED

Lead Architect · Senior Manager

JUN 2020 — DEC 2021

Sopra Steria Next · Paris

Enedis Power grid operator · 8 months	Technical lead on two flagship programmes (LINCS, SGE): raised engineering standards across 10 Scrum teams, industrialised CI/CD, split services into microservices and brought in Kafka.
SNCF National railways · 12 months	Senior architect on the AURORE service centre's operational excellence programme: root-cause diagnosis, craft and DevOps practices, CIO-level reporting.

Solutions Architect

DEC 2017 — MAY 2020

ADP — Automatic Data Processing · Nanterre

- Restructured services around business domains (DDD) and containerised the application estate
- Introduced Kafka event streaming and Spring Cloud edge microservices; standardised REST APIs (HATEOAS, Swagger)
- Automated CI/CD and ran coding katas on TDD, design and architecture patterns

Technical Lead · Web Architect

JUN 2012 — NOV 2017

ADP — Automatic Data Processing · Paris region

- Brought in Scrum, TDD, BDD and continuous integration; technical owner of the web platform

Technical Project Manager

MAR 2009 — MAY 2012

ADP — Automatic Data Processing · Le Pecq

- Led application migrations and redesigns; bridged engineering, marketing and clients

Software Engineer · Consultant

FEB 2004 — FEB 2009

Degetel · BNP, Crédit Agricole, TF1, France 2, Orange

- Built web applications for banking, media and telecoms clients; refactored legacy systems

Guiding principles

- Technology serves a roadmap — never a stack for its own sake.
- Good architecture makes the next decision cheaper.
- Delivery is part of the architecture.
- A strategy only counts once it's executed and measured.

Author, trainer & speaker

- **Trained 1,300+ professionals** in Domain-Driven Design, microservices, Clean Architecture, craftsmanship and prompt engineering
- **Keynote speaker** at events of up to 1,200 people
- **Regular writer** on Medium and Hashnode (EN/FR): AI-assisted engineering, distributed architecture, DevOps, security & compliance, leadership
- **Architecture community lead** across the Sopra Steria Group