



Lead Tech / Engineering Manager hands-on

Lead Tech / Engineering Manager hands-on, specialised in **Angular**, **TypeScript strict** and **NestJS**, I support teams in designing robust business web applications, with high standards for **architecture**, **quality**, **delivery** and the controlled use of **AI assistance**.

KEY SKILLS

TECHNICAL LEADERSHIP & ARCHITECTURE

Technical Leadership · **Application Architecture** · **Technical Roadmap** · **Legacy Modernization** · Coaching · Technical decisions · Trade-offs

MANAGEMENT & DELIVERY

Engineering Management · **Delivery Management** · **Product Collaboration** · **Team Leadership** · Recruiting · Onboarding · Stakeholder Management

QUALITY & INDUSTRIALISATION

Code Review · **CI/CD** · **ESLint** · **Cypress / Playwright** · **Swagger / OpenAPI** · Prettier

FRONTEND

Angular · **TypeScript strict** · **RxJS** · **NgRx** · **Nx** · HTML / CSS

BACKEND & FULLSTACK

NestJS · **Node.js** · **PHP/Symfony** · **Python** · **Java**

DATABASES

PostgreSQL · **MySQL** · Oracle

DEVOPS & PRODUCTION

AWS · **Docker** · **GitHub** · **GitLab** · Bitbucket · Linux · Nginx / Apache

TOOLS & METHODS

Agile (Scrum / Kanban) · **Iterative V-cycle** · Jira · Notion · Confluence

AI ASSISTANCE & AUTOMATION

Claude Code · **GitHub Copilot** · **AI Agents** · **Skills** · AI-assisted documentation · Code analysis

PROFESSIONAL EXPERIENCE

BlueWhale

Apr 2025 — Apr 2026

Lead Tech Angular / Java

Angular · **TypeScript strict** · **Technical Leadership** · **Code Review** · **Legacy Modernization**

Lead Tech on a business agricultural ERP used by 50 to 100 users, in a complex legacy context mixing **Angular**, **Java**, **Spring 2**, **PowerBuilder**, Oracle 9 and ageing infrastructure. My role covered team support, direct contribution to structural technical topics and progressive modernisation of the application foundation, without service interruption.

- **Operational leadership** of a team of 3 fullstack developers: sprint organisation, topic clarification, code review and technical trade-offs.

- **Frontend modernisation:** **Angular** 15 → 21 migration, **DevExtreme** update and preparation of a migration to **Angular Material**, with guardrails and conventions to make both coexist progressively.
- **Progressive code quality improvement:** **TypeScript strict**, strict **ESLint**, Prettier and development conventions.
- **Nx standardisation** to ease migrations, homogenise practices and prepare future modular **Angular/NestJS** applications.
- Product collaboration: prioritisation, topic refinement, scope planning and delivery security.
- **Incremental legacy modernisation:** resolving code/**CI/CD** blockers, progressive debt reduction and foundation evolution without service interruption.

1,157 / 2,000 characters

Joorney

Jan 2023 — Aug 2024

Software Engineering Manager hands-on

Engineering Management Technical Leadership Software Architecture Delivery Management
Full-Stack Development

Software Engineering Manager hands-on on an internal application ecosystem for immigration business plan generation, used by around a hundred internal users. I structured the team, designed the application architecture and industrialised previously highly manual business processes, on a stack of **Angular**, **NestJS**, **Nx**, **PHP**, **Node.js**, **Python** and **AWS**.

Team & management

- Strengthened, structured and managed an international team of 7 developers, split into 2 squads: fullstack and **Python**/Data.
- Hiring, onboarding, agile rituals, operational follow-up, one-on-ones and team support.

Architecture & industrialisation

- Designed an ecosystem of 6 applications: **Angular** applications, a Microsoft Word plugin, a legacy **PHP** backend, **NestJS** services, **Node.js** scripts and **Python** AI modules for proofreading, correction and document inconsistency detection.
- Shipped a first financial application then progressively industrialised business plan writing tools, replacing manual workflows and legacy tools with dedicated business applications.
- Set up integrations with Microsoft, Google, HubSpot, Wrike and internal tools to synchronise data and secure processes.

Modernisation & delivery

- Hands-on technical ownership: POC, architecture decisions, API integrations, **Symfony/PHP** to **Nx/NestJS** migration and evolution security.
- Standardisation of development practices: **Nx**, schematics, **TypeScript strict**, **ESLint** and code conventions to homogenise practices, ease onboarding and secure evolutions.
- Managed **CI/CD**, deployments, **Bitbucket** to **GitHub** migration and Product / Data / Tech trade-offs with the CPO and Data team.

1,617 / 2,000 characters

Kaliz

Apr 2021 – Jun 2023

Angular Lead Dev

Angular Technical Leadership Code Review Technical Debt Reduction CI/CD

Angular Lead Dev on a critical real estate management application, the backbone of business operations for around thirty users. I held technical frontend responsibility while remaining heavily involved in development, refactoring and structural topics.

Hands-on development

- Development on structural frontend topics: refactoring, complex components, business evolutions, library updates and continuous improvement of the **Angular** foundation.
- Took ownership of a complex **Angular** frontend with debt impacting code readability, evolution quality and delivery capacity.

Technical leadership & quality

- Support for 4 to 5 frontend developers: code review, coaching, **Angular/RxJS** best practices, technical trade-offs and upskilling.
- Frontend roadmap and quality: debt prioritisation, application architecture decisions, **TypeScript strict**, strict **ESLint**, development conventions and structured code reviews.

Architecture & delivery

- Introduction of **Nx**, schematics and **NgRx** to standardise recurring components, speed up refactoring, clarify state management and reduce unnecessary backend calls.
- Secured frontend delivery: requirement clarification with product, frontend/backend contracts with **Swagger**, **GitLab CI/CD** and **Cypress / Playwright** end-to-end test foundation.

1,273 / 2,000 characters

Joorney

Aug 2020

Fullstack PHP/Symfony consultant

PHP Symfony Full-Stack Development Code Audit

Fullstack **PHP/Symfony** consultant for a short engagement at Joorney, with rapid onboarding to an existing business application and hands-on code contribution.

- **PHP/Symfony** development on a business plan generation application.
- Audit of existing code and identification of technical improvement areas.
- Bug fixes, behavioural improvements and delivery of functional evolutions.
- Contribution to application maintainability in a short, operational engagement context.

470 / 2,000 characters

Scopea

Oct 2017 — Apr 2021

Fullstack Odoo consultant

Odoo Python Full-Stack Development

Fullstack consultant for Scopea on custom developments around the **Odoo** ERP, with rapid ramp-up on **Python** and the **Odoo** framework. Fixed-price engagements, from requirement analysis to production, covering business modules, bug fixes and application evolutions.

- Quick onboarding on the **Odoo** ecosystem and **Python**/HTML/CSS development.
- Development of custom business modules to adapt **Odoo** to client processes not covered by the standard product.
- Participation in requirement gathering, technical solution definition, effort estimation and quote preparation.
- Bug fixes, functional evolutions and full module development per client requests.
- QA, delivery, follow-up and maintenance of deliverables, working alone or in a pair, in a fixed-price, outcome-oriented context.

775 / 2,000 characters

LivingObjects

Sept 2019 — Mar 2020

Angular expert consultant

Angular Code Review TypeScript strict Technical mentoring

Angular consultant on a network monitoring web application, focused on frontend development, **Angular** integration into a legacy foundation, code audit and team support.

- Development and maintenance of **Angular** modules within an existing application.
- Integration of new **Angular** modules into a legacy foundation, with attention to consistency with existing code and maintainability.
- Code audit, code review and improvement proposals on frontend topics.
- Technical mentoring of the team on **Angular** best practices, **TypeScript strict**, **ESLint** and development conventions.
- Built dashboards with Highcharts, integrating charts, tables, advanced parameters and aggregated data output.

682 / 2,000 characters

LiveAction

Oct 2017 – Mar 2019

Senior developer and Angular frontend lead

[Angular](#) [TypeScript strict](#) [RxJS](#) [Data Visualization](#) [PDF Generation](#)

Senior developer and frontend lead on a network monitoring web application, as part of a structural **AngularJS** to **Angular** migration. The engagement focused on rebuilding the frontend foundation, improving maintainability and modernising development practices.

- **Major contribution to the AngularJS → Angular migration**, carried out on a substantial application with many modules, pages and components.
- Introduction of **TypeScript strict**, **ESLint** and **Angular/RxJS** best practices to strengthen reliability, readability and maintainability.
- Development and maintenance of customisable dashboards with **Highcharts** and **D3.js**, on data-rich interfaces with performance constraints.
- Contribution to customisable PDF report modules, with accurate rendering constraints between web usage and export.
- Frontend lead role within the team: code reviews, best practice sharing and support on the **Angular** foundation.
- Occasional **Java** development to reinforce the backend team on cross-cutting topics.

989 / 2,000 characters

LivingObjects

Oct 2015 – Oct 2017

AngularJS frontend developer

AngularJS Data Visualization Highcharts

Frontend developer on a network monitoring web application in **AngularJS**, with strong constraints around data visualisation, performance and output as customisable dashboards and reports.

- Development and maintenance of an **AngularJS** application used by several hundred users.
- Built customisable dashboards integrating Highcharts charts, tables and advanced configuration forms.
- Built the schedulable PDF report design module, with accurate rendering constraints between web usage and export.
- Rapid onboarding on **AngularJS**, frontend best practices and maintainable development principles in a demanding environment.

621 / 2,000 characters

Canal+

Jan 2012 — Sept 2015

Fullstack developer then technical lead

PHP MySQL High Availability Technical Coordination Release Management

Fullstack developer then technical lead on Canal+ interfaces for set-top boxes and web platforms, in a mission-critical context with high availability and very high user volumes. Built a solid production culture: performance, resilience, multi-platform support, cross-team coordination, monitoring and high-stakes releases.

Development & production

- Development and maintenance of **PHP/Smarty**, JavaScript, HTML, CSS and MySQL applications, used across many platforms: set-top boxes, web, smartphone and tablet.
- Operating in a high-volume environment, with peaks reaching several hundred thousand simultaneous users and several million during major events.
- Contribution to interfaces with strict performance, availability, accessibility, multi-language and multi-hardware compatibility constraints.

Coordination & delivery

- Product / QA / Infrastructure coordination: test tracking, bug prioritisation, release note authoring, monitoring, cross-team communication and release orchestration.
- Supervised high-stakes releases on a distributed architecture of approximately 24 servers, with progressive deployments, testing phases, monitoring follow-up, rollbacks and hotfixes when

needed.

Technical projects & lead

- Led the migration from 32-bit to 64-bit servers: technical scoping, POC, application adaptations, test coordination, cross-team follow-up and production rollout.
- SVN to Git migration, discovery and integration of set-top box / internet box APIs, support of validation environments and mentoring of new joiners on the legacy application and release processes.

1,583 / 2,000 characters

INRIA

May 2011 – Oct 2011

SOA / IoT research intern

Research SOA BPEL

Six-month intern within the ADAM team at INRIA, on the topic *Bridging Software-Oriented Architecture with the Internet of Things*, focused on modelling CBRN crisis procedures using a SOA/SCA approach and BPEL orchestration.

- Work split between research, modelling and technical prototyping in several languages.
- Wrote a detailed internship report: state of the art, architecture, crisis processes and experimentation findings.

429 / 2,000 characters

EADS Cassidian

Jun 2010 – Oct 2010

Java/J2EE engineering intern

Java J2EE Technical Documentation

Engineering intern at EADS Cassidian, working on the design and development of a **Java**/J2EE web documentation platform.

- Application development in **Java**/J2EE, HTML, CSS and jQuery.
- Production of the internship report, architecture diagrams, database diagrams and technical documentation.

290 / 2,000 characters

Junior enterprise EISTI

2008

Web developer

PHP Web Development HTML/CSS

Web developer on client projects carried out through the EISTI Junior Enterprise, building client sites in **PHP**, HTML, CSS, vanilla JavaScript and jQuery.

- Developed a website for a travel agency and a showcase site for a glazing company.
- First client experience: web integration, adapting to requirements and delivering simple sites.

337 / 2,000 characters