

Loïc Feuga

LEAD SOFTWARE ENGINEER FRONTEND PLATFORMS & AI PRODUCTS

TypeScript · Angular · Node.js · Micro-Frontends · AI Automation

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PROFESSIONAL SUMMARY

Lead software engineer with 10 years of experience in Angular and TypeScript architecture. Migrated 9 applications into an 11-micro-frontend ecosystem and cut a critical load time from 17 seconds to 100 milliseconds. Combines technical leadership, product ownership, and developer enablement, leveraging AI throughout development to accelerate delivery and ship production products with embedded AI capabilities.

PROFESSIONAL EXPERIENCE

Tech OS - Founder & Principal Software Engineer

Independent SaaS Product Studio tech-os.org Startup Remote, France 2024-Present

- Founded and independently built Tech OS from scratch; launched and currently operate two live SaaS products end to end, from product strategy and UX through architecture, engineering, infrastructure, billing, deployment, support, and go-to-market.
- Created and sold a 98-module advanced Angular program with videos, written guides, and a complete source codebase; also designed and delivered tailored workshops to approximately 100 professional developers at Kampus, bioMérieux, Thales, and Giant Consulting.

Apply Butler

AI-Powered Job Search & Application SaaS applybutler.com Production SaaS Remote, France Live since 2026

- Built a subscription SaaS that turns a resume and job target into recurring campaigns, finds matching openings, rejects duplicates or unusable listings, completes employer forms, and confirms each submission.
- Developed the Angular and NestJS platform and its six-agent browser runtime with isolated sessions, human-in-the-loop pauses, resumable execution, and live WebSocket status updates.
- Built a persistent AWS EC2 orchestrator that automatically claims queued user campaigns, estimates the worker capacity required for upcoming runs, and launches and coordinates additional EC2 instances in parallel on demand.

Tech: Angular 22, TypeScript, RxJS, NestJS 11, Node.js, MongoDB, OpenAI Agents/Codex, Playwright, WebSockets, AWS EC2, Cloudflare R2, Firebase, Stripe

Zeeple

AI-Powered Social & Dating Product zeeple.ai Production SaaS Remote, France Live since 2025

- Created a social and dating product that replaces endless profile swiping with a conversation: an AI assistant learns what the user is looking for and introduces one compatible person at a time for friendship or dating.
- Built and launched the web, iOS, and Android product with AI and person-to-person chat, matching, voice interaction, authentication, subscriptions, referrals, notifications, moderation, and analytics.

Tech: Angular 21, TypeScript, RxJS, NestJS, Node.js, MongoDB, WebSockets, OpenAI API, Firebase, Capacitor, Stripe, Railway, Playwright

ValSolutions - Angular Expert

Occupational Health & Prevention Software Independent Consultant Remote, France Oct 2025-Aug 2026

- Served as the Angular technical authority across 6 teams totaling about 18 developers, architecting and leading the migration of 9 applications into an 11-micro-frontend platform with a Single-SPA shell and shared legacy authentication.
- Led frontend delivery for Medical Visit, building work and exposure records, conclusions, document workflows, permissions, and multi-step e-signatures for healthcare professionals.
- Set shared Angular patterns and improved reliability through paginated search, resilient loading, tests, documentation, and fixes across SSO, navigation, UI, configuration, and deployment.

Tech: Angular 18-19, TypeScript, RxJS, NgRx, Single-SPA, Module Federation, NestJS, MongoDB, OpenAPI/Swagger, Jest, Playwright, Azure DevOps

Midgard - Angular Expert

AI-Powered Wildfire Detection & Emergency Operations Independent Consultant Remote, France Oct 2023-Jan 2025

- Served as the Angular technical authority across 2 product teams with 4 developers, owning frontend architecture, technical standards, and modernization roadmap.
- Re-architected the platform for Angular 17, rebuilt NgRx state management, delivered a buildable design system and DTO-driven frontend architecture, and cut load time from 17 seconds to 100 milliseconds.
- Built real-time wildfire monitoring and firefighter-response workflows using WebSockets, video streams, camera control, and alert handling.

Tech: Angular 16-18, TypeScript, RxJS, NgRx, Signals, WebSockets, OpenAPI/Swagger, Jest, Playwright, Docker, GitLab CI/CD

PROFESSIONAL EXPERIENCE - CONTINUED

bioMérieux - Lead Angular Engineer

Medical Diagnostics & Medical Devices

Independent Consultant Hybrid, France

Jan 2023-Jul 2023

- Owned Angular code quality and knowledge sharing within a 9-person team building two critical medical-device monitoring and control applications.
- Audited multiple Angular applications, defined modernization roadmaps, upgraded legacy codebases, introduced Playwright end-to-end testing, and coached engineers on Angular practices.

Tech: Angular 12-14, TypeScript, RxJS, Playwright, GitLab, Jenkins, Jira

Crédit Agricole - Lead Angular / Node.js Engineer

Banking & Financial Services

Independent Consultant Lyon, France

Dec 2021-Dec 2022

- Led Angular delivery across successive squads of 2-3 developers, setting frontend direction and mentoring engineers while building 6 applications in an iframe-based micro-frontend architecture.
- Built a Node.js backend integrating multiple APIs and implemented shared authentication and frontend/backend tests across the micro-frontends.

Tech: Angular 11-12, TypeScript, RxJS, Node.js, Express.js, Redis, Storybook, Docker, Kubernetes, GitLab CI/CD, Argo CD

Capgemini - Full-Stack Developer

Technology Consulting

Full-Time

Lyon, France

Jan 2018-Dec 2021

- Built Angular and Java Spring applications for banking, nuclear, insurance, and connected-product clients, including decision-support tools, automated PDF reporting, and AWS CodePipeline delivery.

Tech: Angular 7-11, TypeScript, Java, Spring Boot, PostgreSQL, Docker, Jenkins, AWS CodePipeline, Karma, JUnit

Cellance - Full-Stack Developer

Enterprise Collaboration Software

Full-Time

Lyon, France

Oct 2016-Dec 2017

- Built a collaborative AngularJS 1.4 and Node.js application and developed a statistics and business-intelligence tool.

Tech: AngularJS 1.4, TypeScript, Node.js, Sails.js, MySQL, PM2, Mocha

TECHNICAL EXPERTISE

Frontend: Angular, TypeScript, RxJS, NgRx, Micro-Frontends, Module Federation, Single-SPA, Design Systems, Frontend Performance, E2E Testing (Playwright)

Backend and cloud: Node.js, NestJS, REST APIs, WebSockets, Firebase/JWT, MongoDB, AWS, Cloudflare R2, Railway, Docker, CI/CD

AI and automation: OpenAI Agents/Codex, LLM Integration, Multi-Agent Workflows

Tools and practices: Git, GitHub, GitLab, Jira, Figma, Scrum

EDUCATION & LANGUAGES

Master's Degree in Computer Science, SUPINFO International University, Lyon, France, 2017

Languages: French (Native), English (Fluent)